

## Network Security - Review Q's

- 1) What are the differences between message confidentiality and message integrity?
- 2) What is the difference between an active and passive intruder?
- 3) What is an important difference between the symmetric and public key systems?
- 4) An intruder has an encrypted message as well as the decrypted message. Can he mount a ciphertext-only attack, a known-plaintext attack, or a chosen-plaintext attack?
- 5) Suppose  $N$  people want to communicate with each of the  $N-1$  other people using symmetric key encryption. All communication between any two people,  $i$  and  $j$ , is visible to all other people in the group of  $N$ . How many keys are required in this system? If public key encryption is used, how many keys are required?
- 6) What is the purpose of a nonce?
- 7) What does it mean to say "a nonce is a non-replicable value"?
- 8) What is a man-in-middle attack? Can this occur when symmetric keys are used?
- 9) What does it mean for a signed document to be verifiable, nonforgeable, and不可否认?
- 10) Why does a message digest provide a better integrity check than the Internet checksum?
- 11) In what way does a public key encrypted message provide a better digital signature than using the public key encrypted message?

## Network Security Review Questions

1) What are the differences between message confidentiality and message integrity?

### Question 1.

Confidentiality is the property that the original plaintext message can not be determined by an attacker who intercepts the ciphertext-encryption of the original plaintext message. Message integrity is the property that the receiver can detect whether the message sent (whether encrypted or not) was altered in transit. The two are (these different concepts, and one can have one without the other. An encrypted message that is altered in transit may still be confidential (the attacker can not determine the original plaintext), but will not have message integrity if the error is undetected. Similarly, a message that is altered in transit (and detected) could have been sent in plaintext and thus would not be confidential.

## Network Security Review Questions

2) What is the difference between an active and passive intruder?

### Question 2.

A passive intruder only monitors ("sniffs", intercepts) messages. An active intruder can also monitor traffic, but will also actively send messages into the network.

## Network Security Review Questions

3) What is an important difference between the symmetric and public key systems?

### Question 3.

One important difference between symmetric and public key systems is that in symmetric key systems both the sender and receiver must know the same (secret) key. In public key systems, the encryption and decryption keys are distinct. The encryption key is known by the entire world (including the sender), but the decryption key is known only by the receiver.

## Network Security Review Questions

4) An intruder has an encrypted message as well as the decrypted message. Can he mount a ciphertext-only attack, a known-plaintext attack, or a chosen-plaintext attack?

### Question 4.

In this case, a known plaintext attack is performed. If, somehow, the message encrypted by the sender was chosen by the attacker, then this would be a chosen-plaintext attack.

## Network Security Review Questions

5) Suppose  $N$  people want to communicate with each of the  $N-1$  other people using symmetric key encryption. All communication between any two people,  $i$  and  $j$ , is visible to all other people in the group of  $N$ . How many keys are required in this system? If public key encryption is used, how many keys are required?

### Question 5.

If each user wants to communicate with  $N$  other users, then each pair of users must have a shared symmetric key. There are  $N(N-1)/2$  such pairs and thus there are  $N(N-1)/2$  keys. With a public key system, each user has a public key which is known to all, and a private key (which is secret and only known by the user). There are thus  $2N$  keys in the public key system.

# Guide To Network Security Review Answers

**EW Minium**



## **Guide To Network Security Review Answers:**

Immerse yourself in the artistry of words with is expressive creation, Discover the Artistry of **Guide To Network Security Review Answers** . This ebook, presented in a PDF format ( \*), is a masterpiece that goes beyond conventional storytelling. Indulge your senses in prose, poetry, and knowledge. Download now to let the beauty of literature and artistry envelop your mind in a unique and expressive way.

[http://www.armchairempire.com/book/book-search/fetch.php/Irrigation\\_And\\_Water\\_Power\\_Engineering\\_By\\_Arora\\_43760.pdf](http://www.armchairempire.com/book/book-search/fetch.php/Irrigation_And_Water_Power_Engineering_By_Arora_43760.pdf)

## **Table of Contents Guide To Network Security Review Answers**

1. Understanding the eBook Guide To Network Security Review Answers
  - The Rise of Digital Reading Guide To Network Security Review Answers
  - Advantages of eBooks Over Traditional Books
2. Identifying Guide To Network Security Review Answers
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Guide To Network Security Review Answers
  - User-Friendly Interface
4. Exploring eBook Recommendations from Guide To Network Security Review Answers
  - Personalized Recommendations
  - Guide To Network Security Review Answers User Reviews and Ratings
  - Guide To Network Security Review Answers and Bestseller Lists
5. Accessing Guide To Network Security Review Answers Free and Paid eBooks
  - Guide To Network Security Review Answers Public Domain eBooks
  - Guide To Network Security Review Answers eBook Subscription Services
  - Guide To Network Security Review Answers Budget-Friendly Options

6. Navigating Guide To Network Security Review Answers eBook Formats
  - ePub, PDF, MOBI, and More
  - Guide To Network Security Review Answers Compatibility with Devices
  - Guide To Network Security Review Answers Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Guide To Network Security Review Answers
  - Highlighting and Note-Taking Guide To Network Security Review Answers
  - Interactive Elements Guide To Network Security Review Answers
8. Staying Engaged with Guide To Network Security Review Answers
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Guide To Network Security Review Answers
9. Balancing eBooks and Physical Books Guide To Network Security Review Answers
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Guide To Network Security Review Answers
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Guide To Network Security Review Answers
  - Setting Reading Goals Guide To Network Security Review Answers
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Guide To Network Security Review Answers
  - Fact-Checking eBook Content of Guide To Network Security Review Answers
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

### **Guide To Network Security Review Answers Introduction**

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Guide To Network Security Review Answers PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Guide To Network Security Review Answers PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free

downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Guide To Network Security Review Answers free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

### **FAQs About Guide To Network Security Review Answers Books**

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Guide To Network Security Review Answers is one of the best book in our library for free trial. We provide copy of Guide To Network Security Review Answers in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Guide To Network Security Review Answers. Where to download Guide To Network Security Review Answers online for free? Are you looking for Guide To Network Security Review Answers PDF? This is definitely going to save you time and cash in something you should think about.

### **Find Guide To Network Security Review Answers :**

**irrigation and water power engineering by arora 43760**

*isuzu elf repair manual*

isuzu npr owners manual 2008

irrelevant experience the secret diary of an assistant psychologist

is the great gatsby fiction or nonfiction

isaca cisa review manual 2011

*irs manual 6209*

isimple gateway manual reset

irren ist rztlich medizinskandal passieren

**issues in papua new guinea forest policy discussion paper no 7**

**isuzu npr repair brake manual**

~~israel a question and answer book questions and answers countries~~

*is the chnts winneba adimission list out*

**isuzu 4le1 diesel engine instruction manual**

**isuzu fargo wfr workshop service repair manual**

### **Guide To Network Security Review Answers :**

*p3 pipes parks and powder pdf opendoors cityandguilds* - Dec 18 2021

web 2 p3 pipes parks and powder 2020 10 13 brandt morrow fiberglass and glass technology harper collins a new book for a new generation of engineering

**hidrolik döküm gövde dişli pompalar pk hidropaks hidrolik** - May 23 2022

web hidrolik döküm gövde dişli pompalar pk 16 cc 100 cc deplasman aralığı sağ ve sol dönüş yönleri mevcuttur Çeşitli mil ve kapak kombinasyonları mevcuttur tandem

**p3 pipes parks and powder amazon com** - Oct 08 2023

web oct 26 2004 paperback 65 00 8 used from 22 47 one of the most charismatic popular and talented snowboarders in the world todd richards tells the story of his life

**p3 pipes parks and powder richards todd blehm eric** - Jan 19 2022

web nov 25 2003 eric blehm todd richards p3 pipes parks and powder hardcover november 25 2003 by todd richards author eric blehm author 5 0 21 ratings see

p3 pipes park and powder database grovemade - Apr 21 2022

web 2 p3 pipes park and powder 2022 07 01 including architects engineers conservators and material scientists engaged in the conservation of modern buildings as well as scholars



*p3 pipes parks and powder amazon com* - Nov 16 2021

web dec 1 2003 p3 pipes parks and powder hardcover bargain price december 1 2003 by todd richards author eric blehm author 5 0 5 0 out of 5 stars 22 ratings

**p3 pipes park and powder mx skylightframe com** - Aug 26 2022

web 2 2 p3 pipes park and powder 2019 11 24 forces team of green berets known as oda 574 infiltrated the mountains of southern afghanistan with a seemingly impossible

*turbopump united states p3 technologies* - Mar 21 2022

web p3 technologies is a leader in propulsion and turbomachinery development including cryogenic rocket engine turbopumps

**p3 pipes park and powder paul stamets** - Nov 28 2022

web it is your unquestionably own get older to measure reviewing habit among guides you could enjoy now is p3 pipes park and powder below p3 pipes parks and powder todd

**p3 pipes parks and powder todd richards eric blehm** - Jun 04 2023

web nov 25 2003 p3 pipes parks and powder todd richards eric blehm google books one of the most charismatic popular and talented snowboarders in the world todd

**p3 pipes parks and powder richards todd blehm eric** - Jul 05 2023

web nov 25 2003 blehm s current book legend crown books penguin randomhouse tells the unforgettable story of the u s army s 240th assault helicopter company and green

**pdf p3 pipes parks and powder yumpu** - Jan 31 2023

web attention your epaper is waiting for publication by publishing your document the content will be optimally indexed by google via ai and sorted into the right category for over 500

**overview valsir pp3 ibp technology co ltd** - Feb 17 2022

web pp valsir detail valsir pp3 pipe is a waste system made up of pipes fittings and accessories for the construction of waste and rainwater drainage systems it is an

*p3 pipes park and powder ai classmonitor* - Jul 25 2022

web p3 pipes park and powder downloaded from ai classmonitor com by guest victoria powers chemical process design and integration heinemann action sports have

**p3 pipes park and powder paperback 26 oct 2004** - May 03 2023

web oct 26 2004 buy p3 pipes park and powder new by richards todd blehm eric isbn 9780060761790 from amazon s book store everyday low prices and free

*p3 pipes parks and powder hardcover abebooks* - Mar 01 2023

web p3 pipes parks and powder by richards todd blehm eric isbn 10 0060560401 isbn 13 9780060560409

harperentertainment 2003 hardcover

**p3 pipes parks and powder todd richards eric blehm** - Sep 07 2023

web oct 26 2004 one of the most charismatic popular and talented snowboarders in the world todd richards tells the story of his life as a

**pdf p3 pipes parks and powder** - Dec 30 2022

web p3 pipes parks and powder mar 09 2023 one of the world s most charismatic and popular snowboarders tells the story of his life and of the sport that in less than ten years

**p3 pipes park and powder checkin thecontemporaryaustin** - Jun 23 2022

web p3 pipes parks and powder based on a decade of research by two leading action sports scholars this book maps the relationship between action sports and the olympic

**p3 pipes park and powder download only** - Sep 26 2022

web p3 pipes park and powder colleague that we pay for here and check out the link you could purchase guide p3 pipes park and powder or acquire it as soon as feasible you

**p3 pipes parks and powder by todd richards goodreads** - Aug 06 2023

web read 10 reviews from the world s largest community for readers one of the most charismatic popular and talented snowboarders in the world todd richards

**p3 pipes park and powder review snowboarding days** - Apr 02 2023

web nidecker supermatic binding review 2024 13 07 2023 bindings reviewing rear entry snowboard bindings 13 07 2023

**amazon eg customer reviews p3 pipes parks and powder** - Oct 28 2022

web find helpful customer reviews and review ratings for p3 pipes parks and powder at amazon eg read honest and unbiased product reviews from our users

pdf long live your john deere combine long live your john deere - Apr 11 2023

web long live your john deere combine long live your john deere combine it works for draining moisture as well system components for hands free guidance in download pdf report

long live your john deere combine pdf lgscout - Feb 09 2023

web 2 long live your john deere combine 2021 06 17 long live your john deere combine downloaded from lgscout com by guest mathews samir wallaces farmer and iowa homestead authorhouse includes part 1 number 1 2 books and pamphlets including serials and contributions to periodicals january december pain of rebirth

**long live your john deere combine john deere home** - Aug 03 2022

web oct 25 2010 long live your john deere combine performance parts and attachments combines take your windrower productivity to the next level unleash with these the full potential updated john deere parts of your combine and header is there a harder working machine than your john deere combine

long live your john deere combine pdf4pro com - Jul 02 2022

web long live your john deere combine performance parts and attachments combine stake your windrower productivity to the next level with these updated john deere the full potential of your combine and drum stop height adjustment kit the quick easy way to change your combine s front feederhouse drum height simply remove the retaining pin

*long live your john deere combine a3 phasescientific* - Jan 28 2022

web the ultimate encyclopedia of john deere tractors from around the world the big book of john deere tractors is a model by model historical reference to john deere tractors including european models and more from their beginning in 1892 until today publisher the big book of john deere tractors authorhouse

*pdf long live your john deere combine live your john deere combine* - Sep 04 2022

web long live your john deere combine performance parts and attachments combines take your windrower productivity to the next level with these updated john deere parts unleash the full potential of your combine and header

**long live your john deere combine yumpu** - Jan 08 2023

web long live your john deere combine en english deutsch français español português italiano română nederlands latina dansk svenska norsk magyar bahasa indonesia türkçe suomi latvian lithuanian česk

**combine attachments long live your john deere combine issuu** - Aug 15 2023

web may 28 2021 long live your john deere combine add more value with advanced technology retrofits and attachments residue management see us today to set up the right residue management system for your

*long live your john deere combine your combine pdf4pro* - Mar 30 2022

web long live your john deere combine deere com take your windrower productivity to the next level with these updated john deere parts unleash the full potential of your combine and header

**long live your john deere combine yumpu** - Jun 13 2023

web mar 24 2013 long live your john deere combine epaper read download epaper tags combines deere auger combine crops unloading crop feederhouse harvesting kits deere com deere com create successful epaper yourself turn your pdf publications into a flip book with our unique google optimized e paper software

long live your john deere combine honda doczz net - Apr 30 2022

web transcription long live your john deere combine

*john deere harvester combine factory youtube* - Jun 01 2022

web 420k subscribers subscribe 804k views 1 year ago john deere harvester combine factory production in usa john deere harvester works john deere harvester works is the largest most

*long live your john deere combine yumpu* - May 12 2023

web long live your john deere read more about combines deere auger combine crops and unloading

**long live your john deere combine amazon web services** - Jul 14 2023

web add life to your combine with a combination of advanced technology cutting edge retrofits and versatile attachments from john deere all designed to make your machine work smarter your job easier and your operation more profitable imagine the impact rowmax could make this new retrofit

*long live your john deere combine yumpu* - Mar 10 2023

web long live your john deere combine attention your epaper is waiting for publication by publishing your document the content will be optimally indexed by google via ai and sorted into the right category for over 500 million epaper readers on yumpu

**long live your john deere combine pdf4pro com** - Nov 06 2022

web long live your john deere combine performance parts and attachments combine stake your windrower productivity to the next level with these updated john deere the full potential of your combine and drum stop height adjustment kit the quick easy way to change your combine's front feederhouse drum height simply remove the retaining pin

*search results with tag long live your john deere combine* - Feb 26 2022

web long live your john deere combine performance parts and attachments combines your live combine long john deere long live your john deere combine similar queries

john deere 50th anniversary working combines youtube - Dec 27 2021

web our john deere 530 combine was in action at john deere's 50th anniversary celebration in langar nottingham driven by ben turner it ran alongside a 360 tra

**long live your john deere combine pdf4pro** - Oct 05 2022

web long live your john deere combine performance parts and attachments combines with unleashes the updated full potential john deere parts of your combine and header is there a harder working machine than your john deere combine

*long live your john deere combine* - Dec 07 2022

web long live your john deere combine reviewing long live your john deere combine unlocking the spellbinding force of linguistics in a fast paced world fueled by information and interconnectivity the spellbinding force of linguistics has acquired newfound prominence its capacity to evoke emotions stimulate contemplation and

**world trade and payments an introduction google books** - Mar 09 2023

web caves richard e jeffrey a frankel and ronald w jones world trade and payments an introduction 10th edition addison wesley 2007

**world trade and payments by richard e caves** - Aug 02 2022

web world trade and payments an introduction by caves richard e frankel jeffrey a jones ronald w prentice hall 2006 hardcover 10th edition hardcover caves on

world trade and payments an introduction google books - Apr 10 2023

web richard e caves jeffrey a frankel ronald winthrop jones harpercollins college publishers 1993 balance of payments 694 pages renowned for its precise in depth

**caves frankel jones 8th ed chapter 3 world trade and** - Mar 29 2022

web study guide to accompany caves frankel jones world trade and payments seventh edition dictionary of international trade law 3rd edition 2015 growth and policy in

**world trade and payments scholars at harvard** - Jul 13 2023

web world trade and payments an introduction richard e caves jeffrey a frankel ronald w jones 10th ed p cm isbn 0 321 22660 7 1 international trade 2 balance of

*downloadable free pdfs world trade and payments caves* - Dec 26 2021

web world trade and payments study guide jones ronald w frankel jeffrey a caves richard e 9780321045515 amazon com books books

world trade and payments by richard e caves open library - Nov 05 2022

web aug 1 2005 buy world trade and payments an introduction international edition 10 by caves richard e frankel jeffrey a jones ronald w isbn 9780321248558 from

*caves frankel and jones pdf scribd* - Apr 29 2022

web world trade and payments an introduction authors richard e caves jeffrey a frankel ronald winthrop jones print book english 2007 edition 10th ed view all formats and editions publisher pearson addison

**world trade and payments an introduction 10th tenth edition** - Dec 06 2022

web nov 15 2022 world trade and payments by richard e caves jeffrey a frankel ronald w jones 2002 addison wesley edition in english 9th ed

world trade and payments an introduction by richard caves - May 11 2023

web world trade and payments an introduction addison wesley series in economics world trade and payments an introduction ronald winthrop jones authors richard e

*world trade and payments an introduction by caves richard* - May 31 2022

web caves frankel jones 8th ed chapter 3 world trade and payments an introduction r caves j studocu summary lecture factor markets 1 entire notes for the factor

**worldtradeandpaymentscavesfrankeljones pdf brtdata** - Sep 22 2021

**world trade and payments by richard e caves open library** - Jan 07 2023

web jan 1 2007 world trade and payments an introduction 10th tenth edition by caves frankel jones paperback january 1 2007 by richard e caves author

*world trade and payments study guide jones ronald w* - Oct 24 2021

world trade and payments an introduction international edition - Oct 04 2022

web jul 19 2006 world trade and payments an introduction 10th edition caves richard e frankel jeffrey a jones ronald w amazon ca books

**world trade payments text 10th ed jeffrey frankel** - Aug 14 2023

web authors richard caves jeffrey frankel and ronald jones publisher pearson addison wesley front matter and table of contents chapters 1 14 international trade

world trade and payments an introduction harvard kennedy - Feb 08 2023

web nov 9 2020 world trade and payments by richard e caves jeffrey a frankel ronald w jones 1990 scott foresman little brown higher education edition in english

*world trade and payments an introduction 10th edition caves* - Sep 03 2022

web may 1 1999 world trade and payments an introduction hardcover may 1 1999 by richard e caves author jeffrey a frankel author ronald w jones author 0

**worldtradeandpaymentscavesfrankeljones andersones core** - Jan 27 2022

web webworld trade and payments caves frankel jones world trade and payments nov 19 2021 this edition contains revised and updated coverage of the multinational

**world trade and payments an introduction caves** - Jun 12 2023

web dec 17 2018 frankel j world trade and payments an introduction by richard caves ronald jones and jeffrey frankel 10th ed boston addison wesley longman 2007

**world trade and payments an introduction caves richard e** - Jul 01 2022

web caves frankel and jones uploaded by saurav dutt description contents copyright attribution non commercial by nc

available formats download as pdf txt or read

world trade and payments an introduction worldcat org - Feb 25 2022

web world trade and payments caves frankel jones world trade and payments nov 19 2021 this edition contains revised and updated coverage of the multinational enterprise

*world trade and payments caves frankel jones copy* - Nov 24 2021

web study guide to accompany caves frankel jones world trade and payments seventh edition addison wesley longman

environmental economics and policy is a best selling