

iPhone at a Glance

iPhone 5 overview



Note: iPhone apps and features may vary based on your location, language, carrier, and model of iPhone. Apps that send or receive data over a cellular network may incur additional fees. Contact your carrier for information about your iPhone service

plan and fees.

Accessories

The following accessories are included with iPhone:



Apple headset: Use the Apple EarPods with Remote and Mic (iPhone 5, shown above) or the Apple Earphones with Remote and Mic (iPhone 4S or earlier) to listen to music and videos, and make phone calls. See [Apple headset](#).

Apple User Manual

Minjie Lin



Apple User Manual:

The Enigmatic Realm of **Apple User Manual**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Apple User Manual** a literary masterpiece penned with a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of people who partake in its reading experience.

https://stats.tinkerine.com/public/book-search/default.aspx/Answer_Guide_To_Kuby_Immunology.pdf

Table of Contents **Apple User Manual**

1. Understanding the eBook Apple User Manual
 - The Rise of Digital Reading Apple User Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Apple User Manual
 - 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 Apple User Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Apple User Manual
 - Personalized Recommendations
 - Apple User Manual User Reviews and Ratings
 - Apple User Manual and Bestseller Lists

5. Accessing Apple User Manual Free and Paid eBooks
 - Apple User Manual Public Domain eBooks
 - Apple User Manual eBook Subscription Services
 - Apple User Manual Budget-Friendly Options
6. Navigating Apple User Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Apple User Manual Compatibility with Devices
 - Apple User Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Apple User Manual
 - Highlighting and Note-Taking Apple User Manual
 - Interactive Elements Apple User Manual
8. Staying Engaged with Apple User Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Apple User Manual
9. Balancing eBooks and Physical Books Apple User Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Apple User Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Apple User Manual
 - Setting Reading Goals Apple User Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Apple User Manual
 - Fact-Checking eBook Content of Apple User Manual
 - 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

Apple User Manual Introduction

In the digital age, access to information has become easier than ever before. The ability to download Apple User Manual has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Apple User Manual has opened up a world of possibilities. Downloading Apple User Manual provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Apple User Manual has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Apple User Manual. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Apple User Manual. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Apple User Manual, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Apple User Manual has transformed the way we access information. With the convenience, cost-effectiveness,

and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Apple User Manual 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. Apple User Manual is one of the best book in our library for free trial. We provide copy of Apple User Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Apple User Manual. Where to download Apple User Manual online for free? Are you looking for Apple User Manual PDF? This is definitely going to save you time and cash in something you should think about.

Find Apple User Manual :

answer guide to kuby immunology

answer key houghton mifflin fifth grade social studies

another me

anna marias gift a stepping stone booktm

answers for spelling connections grade 5

[answer the cosmic distance ladder student guide](#)

[annual attendance record 2014](#)

answer key for virtual clinical excursions

anna-university electrical high voltage lab manual

annals of sennacherib ancient mesopotamian texts and studies

answer key for ny ready cels english

answer s-wjec physics 1 june 2013

annette von drostehlshoff in selbstzeugnissen und bilddokumenten

anritsu manual

anno dracula johnny alucard

Apple User Manual :

new york 2020 broschürenkalender 30 x 60 geöffnet - Sep 20 2023

web new york 2020 broschürenkalender 30 x 60 geöffnet wandkalender schwarz weiß städtekalender wandplaner by christian popkes popkes christian alpha edition amazon com tr kitap

new york kalender 2020 schwarz weiß wochenkalender 2020 new york - Jun 17 2023

web new york kalender 2020 schwarz weiß wochenkalender 2020 new york sehnsuchtskalender new york geschenk städtekalender 2020 monatskalendarium und wochenplaner 2020 mit ferienterminen jetlagjournals kalender on amazon com au free shipping on eligible orders

kalender 2023 2024 new york schulferien org - May 04 2022

web aktueller kalender mit den schulferien und gesetzlichen feiertagen usa new york 2023 2024 kalender new york auch als pdf zum download und drucken location1 name

new york 2020 wandkalender in schwarz weiß foto - Mar 14 2023

web apr 1 2019 new york 2020 wandkalender in schwarz weiß foto kunstkalender der architektur in ny photoart vertikal kalender mit silberdruck 28 5 x 69 cm on amazon com free shipping on qualifying offers

kalender new york 2021 schwarz weiß wochenkalender 2021 new york - Nov 10 2022

web aug 7 2020 kalender new york 2021 schwarz weiß wochenkalender 2021 new york sehnsuchtskalender new york geschenk monatskalendarium und wochenplaner 2021 städtekalender 2021 german edition jetlagjournals on amazon com free shipping on qualifying offers

new york kalender 2020 schwarz weiss wochenkalend - Feb 01 2022

web new york kalender 2020 schwarz weiss wochenkalend is available in our digital library an online access to it is set as public so you can get it instantly our books collection spans in multiple countries allowing you to get the most less latency

time to download any

new york schwarz weiss 2020 kalender bei weltbild ch bestellen - Jan 12 2023

web jetzt new york schwarz weiss 2020 bestellen weitere kalender entdecken tolle kalender in grosser auswahl finden sie in unserem weltbild online shop versandkostenfrei

ebook new york kalender 2020 schwarz weiss wochenkalend - Oct 09 2022

web für die wirklichkeit für das bewährte new york 2020 apr 15 2020 paris schwarz weiss s 2020 21x29cm jan 17 2023 new york schwarz weiss l 2020 42x59cm sep 13 2022 schulplaner 2019 2020 apr 08 2022 schwarz weiss schulplaner

hausaufgabenheft merkheft schülerkalender mit wochenplaner für das

9781975408831 new york city schwarz weiss 2020 eurobuch - Dec 11 2022

web new york city schwarz weiss 2020 18 monatskalender mit freier traveldays app original browntrout kalender paperback finden sie alle bücher von bei der büchersuchmaschine eurobuch com können sie antiquarische und neubücher vergleichen und sofort zum bestpreis bestellen 9781975408831

new york kalender 2020 schwarz weiss wochenkalender 2020 new york - Aug 19 2023

web buy new york kalender 2020 schwarz weiss wochenkalender 2020 new york sehnsuchtskalender new york geschenk städtekalender 2020 monatskalendarium und wochenplaner 2020 mit ferienterminen by jetlagjournals kalender isbn 9781673631654 from amazon s book store

new york 2020 wandkalender in schwarz weiss foto - Feb 13 2023

web new york 2020 wandkalender in schwarz weiss foto kunstkalender der architektur in ny photoart vertikal kalender mit silberdruck 28 5 x 69 cm korsch verlag heeb christian isbn 9783731839187 kostenloser versand für

new york kalender 2020 schwarz weiss wochenkalend pdf - Sep 08 2022

web comprehending as with ease as union even more than additional will come up with the money for each success next door to the proclamation as with ease as perspicacity of this new york kalender 2020 schwarz weiss wochenkalend pdf can be taken as competently as picked to act commissioned the call patrick lysaght 2021 07

new york kalender 2020 schwarz weiss wochenkalender 2020 new york - Jul 18 2023

web buy new york kalender 2020 schwarz weiss wochenkalender 2020 new york sehnsuchtskalender new york geschenk städtekalender 2020 monatskalendarium 2020 mit ferienterminen german edition by online on amazon ae at best prices fast and free shipping free returns cash on delivery available on eligible purchase

new york kalender 2020 schwarz weiss wochenkalender 2020 new york - Apr 15 2023

web new york kalender 2020 schwarz weiss wochenkalender 2020 new york sehnsuchtskalender new york geschenk städtekalender 2020 monatskalendarium 2020 mit ferienterminen german edition jetlagjournals kalender amazon com mx

libros

aktuelle uhrzeit und datum in new york zeitzonen de - Jul 06 2022

web lasst es uns wissen hey hier fehlt noch was total interessantes uhrzeit new york die aktuelle uhrzeit in new york die zeitverschiebung alle infos zur sommerzeit länderinfos schnell zuverlässig und übersichtlich

feiertage new york usa 2023 2024 2025 schulferien org - Apr 03 2022

web hier finden sie die gesetzlichen feiertage für new york des laufenden 2023 der beiden folgenden 2024 2025 sowie des vergangenen jahres 2022 wählen sie rechts aus um sich die ferien einer anderen region oder eines anderen jahres anzeigen zu lassen feiertage 2023 in new york

kalender new york i bücher de - May 16 2023

web beeindruckende schwarz weiß aufnahmen in einem länglichen kalender passend zur new yorker skyline dekorativer wand kalender aktuell noch keine bewertungen

new york kalender 2020 schwarz weiss wochenkalend pdf - Mar 02 2022

web the revelation as without difficulty as perception of this new york kalender 2020 schwarz weiss wochenkalend pdf can be taken as capably as picked to act museums of the world 2020 2020 05 18 in its 27th edition museums of the world covers more than 55 000 museums in 202 countries listed

new york kalender 2020 schwarz weiss wochenkalend - Aug 07 2022

web wochenkalend 1 new york kalender 2020 schwarz weiss wochenkalend thank you very much for reading new york kalender 2020 schwarz weiss wochenkalend as you may know people have search numerous times for their chosen readings like this new york kalender 2020 schwarz weiss wochenkalend but end up in harmful downloads

uhrzeit new york new york usa timeanddate de - Jun 05 2022

web exklusive pdf kalendervorlagen aktuelle ortszeit und zeitzone in usa new york new york nächste zeitumstellung wetter vorwahl und uhrzeiten für sonne mond in new york

free ncsf study guide pass the ncsf cpt exam in 2023 - Jan 08 2023

web feb 17 2023 here we have the current edition study guide for ncsf personal training 2023 an ncsf practice test ncsf flashcards as well as ncsf study tips at the very end it is highly recommended that you bookmark this page and use it as a study resource to help study for the certification exam

personal training materials ncsf training flashcards and study - Jun 13 2023

web combining a traditional question and answer format with a modern digitally layout aforementioned 248 flashcards are proportioned in compliance with the weight of each topic covered to who ncsf cpt exam

advanced concepts of personal training lab manual 2nd edition ncsf - Aug 15 2023

web the ncsf lab manual 2nd edition is a collection of integrated practical activities found throughout the ncsf study materials consisting of topics and situations often experienced and required in the field of personal training

ncsf pt cert course 1008 - May 12 2023

web necessary textbooks ancillary study materials answer keys a course syllabus catalog write up and a complete lesson plan complemented by multimedia presentations and a lab manual the courses have been designed by some of the most elite exercise scientists and foremost authorities on training instruction and nutritional science in the

ncsf personal trainer practice test example questions - Nov 06 2022

web ncsf exam study guide with practice questions prepare with our ncsf study guide and practice questions print or ebook guaranteed to raise your score get started today

ncsf lab manual answer key old cosmc - Jun 01 2022

web ncsf lab manual answer key 1 ncsf lab manual answer key advanced concepts of personal training lab manual ncsf personal training materials ncsf personal trainer test 2020 current explained answers ncsf training flashcards and study sets quizlet highered mheducation com exercise technique manual for resistance training

ncsf lab manual answer key donner medair org - Sep 04 2022

web ncsf lab manual answer key the ncsf lab manual 2nd edition is a collection of integrated practical activities found throughout the ncsf study materials consisting of topics and situations often experienced and required in the field of personal training

high school lab manual answer key bookmark file ncsf lab manual - Apr 30 2022

web this new laboratory manual is perfect for which high school classroom it has 28 hands on laboratory activities at complement any anatomy physiology course or text lab system answer key lab 1 799 0k lab 2 1115 0k lab 3 883 0k lab 4 831 0k lab 5 981 0k lab 6 934 0k lab 7 897 0k lab 8 1009 0k

ncsf lab manual answer key cv4s7 host - Feb 26 2022

web merge a traditional question and answer format with a fashionable digital site the 248 flashcards are proportioned in consistent with that weight of each topic covered on the ncsf cpt exam ncsf lab manual answer key ncsf lab manual answer key list price 39 95 view details

personal training materials nhti concord s community - Mar 10 2023

web combining an traditional question or answer format with a latest digital layout the 248 flashcards are proportioned in accord equal the weight of each topic covered on the ncsf cpt exam view tweentthroat com from exsc 3612 at kean academy

[personal training materials nhti concord s community](#) - Apr 11 2023

web combine a traditional question and answer format with ampere modern digital layout the 248 flashcards are

proportioned in compliance through to weight of each topic covered on the ncsf cpt audit list price 29 95

ncsf lab manual answer key blogs post gazette com - Jan 28 2022

web ncsf lab manual answer key c01eaa37c781611a581512cacb23a84e a lot of person may be laughing taking into account looking at you reading ncsf lab manual answer key in your spare time some may

pdf ncsf lab manual answer key reading free - Oct 05 2022

web aug 22 2023 acquire the ncsf lab manual answer key associate that we pay for here and check out the link you could purchase guide ncsf lab manual answer key or get it as soon as feasible you could quickly download this ncsf lab manual answer key after getting deal so with you require the books swiftly you can straight

ebook ncsf lab manual answer key free pdf - Feb 09 2023

web aug 22 2023 vistas 2 e workbook video manual lab manual answer key sep 28 2020 panorama lm ak may 17 2022 bravo workbook lab manual answer key mar 15 2022 answer key to accompany workbook lab manual mar 27 2023 the answer key contains all of the answers for the activities within the workbook lab manual hard

ncsf lab manual answer key help environment harvard edu - Mar 30 2022

web merely said the ncsf lab manual answer key is universally compatible as soon as any devices to read essentials of strength training and conditioning national strength conditioning association u s 2008 now in its third edition essentials of strength training and conditioning is the most comprehensive reference

ncsf lab manual answer key pdf uniport edu - Dec 07 2022

web mar 18 2023 ncsf lab manual answer key 1 11 downloaded from uniport edu ng on march 18 2023 by guest ncsf lab manual answer key this is likewise one of the factors by obtaining the soft documents of this ncsf lab manual answer key by online you might not require more get older to spend to go to the book creation as skillfully as search for

ncsf lab manual answer key pdf cornelisfr vanlanschot - Jul 02 2022

web ncsf lab manual answer key ncsf lab manual answer key 2 downloaded from cornelisfr vanlanschot be on 2021 03 28 by guest accessible and customizable alternative to the bound book with this binder ready edition students can personalize the text to match their unique needs master the essential medical surgical nursing content you ll need for

ncsf lab manual answer key answers for 2023 exams - Jul 14 2023

web download ncsf lab manual answer key filename speed downloads ncsf lab manual answer key added by request 3001 kb s 11917 ncsf lab manual answer key full 5412 kb s 8872 ncsf lab manual answer key checked 5488 kb s 10431 smarter workouts online ce exam human kinetics

e pdf ncsf lab manual answer key read free - Aug 03 2022

web aug 22 2023 biology lab manual answer key answer key for student activities manual chez nous student activities

manual answer key for points de départ workbook with lab manual answer key and lab audio script for rodr guez samaniego blommers d melo t a complete course 6th mcall crabbs answer key to accompany student

[ncsf lab manual answer key online kptm edu my](#) - Dec 27 2021

web aug 12 2023 ncsf lab manual answer key author online kptm edu my 2023 08 12 16 19 30 subject ncsf lab manual answer key keywords ncsf lab manual answer key created date 8 12 2023 4 19 30 pm

[profitunity chaos trading system by bill williams academia edu](#) - Oct 27 2022

web profitunity chaos trading system by bill williams hello traders i recently found out chaos system and read the books about it by bill williams i was convinced by the reading i tried the system for a while

profitunity trading system by bill williams do you know it - Aug 25 2022

web aug 2 2019 profitunity trading system by bill williams do you know it education bitcoin bitfinex btcusd pi31415 aug 2 2019 technical indicators bill williams indicators 6 0 book you need to read to use this great indicator trading chaos applying expert techniques to maximize your profits by bill williams s squat fk fake fd

[profitunity chaos trading system by bill williams](#) - May 22 2022

web feb 16 2013 profitunity chaos trading system by bill williams probably noticed all of the advantages on mt4 mt5 where it is impossible to maintain and close a separate transaction open at different times of course everything is done for the purpose of earning a brokerage company not a trader poetoum thought to myself that this technique bill

bill williams profitunity a holistic approach to trading - Oct 07 2023

web bill m williams ph d 1932 2019 was the founder and visionary of the profitunity trading group which he established in 1984 he was considered to be the forefather of modern trading psychology combined with applied technical analysis and chaos theory in trading the stock and commodity markets

bill williams trading chaos profitunity forex indicators pack - Feb 28 2023

web implements 5 dimation of chaos trading system by bill williams includes indicators bwi fractals phase space bwi awesome oscillator phase energy bwi accelerator oscillator phase force bwi zone phase energy force combination bwi balance line strange attractors shows active trading signals only easy to customize has presets

profitunity a holistic approach to trading profitunity a holistic - Feb 16 2022

web sep 5 2021 about profitunity discover the story of how we started 3 decades ago in 1982 bill and ellen williams moved to a small town in georgia bill had always been involved in the markets but at this time he decided to be dedicated to trading commodities full time and restoring an eighty year old house

our books profitunity a holistic approach to trading - Apr 01 2023

web our books profitunity a holistic approach to trading our books profitunity trading group has published 3 books in the last

30 years trading chaos was the first of bill williams works and is still a top seller today ntd was written several years later with updated indicators for the bull market that was happening and his latest r d

profitunity chaos trading system by bill williams - Jul 04 2023

web apr 21 2007 profitunity chaos trading system by bill williams i recently found out chaos system and read the books about it by bill williams i was convinced by the reading i tried the system for a while alligator three smas 13 8 5 with a future offset of 8 5 3 respectively

bill williams of profitunity talks about trading chaos in the - Jan 30 2023

web in a recent profitunity tutorial bill williams talks about trading chaos in the markets through changes in ourselves just as there is change through chaos in

239 profitunity chaos trading system by bill williams - Sep 25 2022

web 239 profitunity chaos trading system by bill williams alligator three smas 13 8 5 with a future offset of 8 5 3 respectively when alligator lines are closing we are closing too we stay out of the market when and while lines are intertwining

profitunity chaos trading system by bill williams pdf scribd - Sep 06 2023

web chaos analysis forex trading profitunity chaos trading system by bill williams free download as pdf file pdf text file txt or read online for free how to trade forex using the profitunity chaos trading system by bill williams

bill williams profitunity chaos trading forex factory - May 02 2023

web aug 18 2013 well i have nothing much to say here i just feel it s time for me to start a new thread to share and learn from other bw chaos system i this is a system that can protect ur trade with good money management from a profitable trading system setup by bill williams phd the man of words

trading chaos profitunity system by bill williams linkedin - Mar 20 2022

web today we talk about a classical profitunity strategy from the book of bill williams trading chaos this strategy has contradictory reviews some people trade on it for 8 years someone loses

bill williams trader wikipedia - Jul 24 2022

web bill m williams 1932 2019 was an american trader and author of books on trading psychology technical analysis and chaos theory in trading the stock commodity and foreign exchange forex markets his study of stock market data led him to develop a number of technical analyses that identify trends in the financial markets

bill williams trading system forex strategies - Jun 22 2022

web bill williams trading system how to use it effectively bill williams is a world famous trader developer of analytical indicators and creator of profitunity strategy in 1987 his first works on trading in the stock market were published

trading chaos maximize profits with proven technical techniques - Dec 29 2022

web bill m williams phd cta is the founder and visionary of the profitunity trading group which he established in 1984 bill williams is considered to be the forefather of modern trading psychology combined with applied technical analysis and chaos theory in trading the stock and commodity markets

[trading chaos a new map for traders by bill williams youtube](#) - Nov 27 2022

web mar 21 2012 this is 20 year old video from one of bill william lectures at a trading seminar talking to traders about the development of the science of chaos what chao

trading bill williams profitunity d1 strategy part 1 youtube - Aug 05 2023

web apr 10 2022 strategy profitunity is bill williams magnum opus trading strategy in our series we re trading the version from his 2004 book trading chaos second edition there are four

trading strategies that were a revolution trading chaos 1 by bill williams - Apr 20 2022

web 23 01 2020 22 minutes for reading contents who is bill williams trading chaos first edition the structure of the book you should study five levels of trader s evolution level one beginner trader candlestick informers of moods the mfi indicator the mfi and volume combination four profitunity windows airbag level two advanced trader elliott waves

bill williams indicators technical indicators education - Jun 03 2023

web atrix trade system is a improved implementation of profitunity trading chaos trade system by bill williams based on trix algorithm you just can trade by trading chaos rules with atrix and ttc or use trading rules for trix see idea updates for details of course atrix have some unique features