

A: 15 B: 10 C: 25 D: 20

Q3) What is the maximum vertical deflection for cantilever steel structural is ____ As per BS 5950

A: $L/360$ B: $L/200$ C: $L/100$ D: $L/180$

Q4) The effective length factor K_y for column with both ends pinned is ____

A: 2 B: 0.8 C: 2.1 D: 1

Q5) The Modulus of elasticity for structural steel is ____ N/mm^2

A: 250,000 B: 270,000 C: 290,000 D: 210,000

Q6) The yield strength of ASTM A36 steel is ____ MPa

A: 200 B: 3600 C: 36 D: 250

Q7) The column with large radius of gyration is ____

A: easy to fail in buckling

B: easy to fail in crushing

C: hard to fail in buckling

D: no relation with buckling

Q8) If d is the distance between flange angles, the vertical stiffeners in plate girders are spaced not greater than ____

A: d B: $1.25d$ C: $1.75d$ D: $1.5d$

Q9) The yield strength of ASTM A516 Grade 60 steel is ____ N/mm^2

A: 200 B: 250 C: 516 D: 265

Q10) When a large value of radius of gyration is not required than ____

A: Channels are placed back to back

B: channel flanges are kept outward

C: Channel flanges are kept inward

D: none of them

Q11) As per DM rules, the average compressive stress under working loads shall not exceed ____ of the design cube strength of the pile concrete at 28 days.

A: 20% B: 50% C: 35% D: 25%

Q12) Mechanical splice (min. 50d) may be used after demonstration to the site engineer that the splice can develop ____ of the specified yield strength of the bars.

Dubai Municipality Exam For Civil Engineers Questions

G Psacharopoulos



Dubai Municipality Exam For Civil Engineers Questions:

Fuel your quest for knowledge with Authored by is thought-provoking masterpiece, **Dubai Municipality Exam For Civil Engineers Questions** . This educational ebook, conveniently sized in PDF (PDF Size: *), is a gateway to personal growth and intellectual stimulation. Immerse yourself in the enriching content curated to cater to every eager mind. Download now and embark on a learning journey that promises to expand your horizons. .

https://socketapi.adit.com/book/book-search/HomePages/cyber_monday_last_90_days.pdf

Table of Contents Dubai Municipality Exam For Civil Engineers Questions

1. Understanding the eBook Dubai Municipality Exam For Civil Engineers Questions
 - The Rise of Digital Reading Dubai Municipality Exam For Civil Engineers Questions
 - Advantages of eBooks Over Traditional Books
2. Identifying Dubai Municipality Exam For Civil Engineers Questions
 - 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 Dubai Municipality Exam For Civil Engineers Questions
 - User-Friendly Interface
4. Exploring eBook Recommendations from Dubai Municipality Exam For Civil Engineers Questions
 - Personalized Recommendations
 - Dubai Municipality Exam For Civil Engineers Questions User Reviews and Ratings
 - Dubai Municipality Exam For Civil Engineers Questions and Bestseller Lists
5. Accessing Dubai Municipality Exam For Civil Engineers Questions Free and Paid eBooks
 - Dubai Municipality Exam For Civil Engineers Questions Public Domain eBooks
 - Dubai Municipality Exam For Civil Engineers Questions eBook Subscription Services
 - Dubai Municipality Exam For Civil Engineers Questions Budget-Friendly Options

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

Dubai Municipality Exam For Civil Engineers Questions Introduction

In the digital age, access to information has become easier than ever before. The ability to download Dubai Municipality Exam For Civil Engineers Questions 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 Dubai Municipality Exam For Civil Engineers Questions has opened up a world of possibilities. Downloading Dubai Municipality Exam For Civil Engineers Questions 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 Dubai Municipality Exam For Civil Engineers Questions 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 Dubai Municipality Exam For Civil Engineers Questions. 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 Dubai Municipality Exam For Civil Engineers Questions. 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 Dubai Municipality Exam For Civil Engineers Questions, 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 Dubai Municipality Exam For Civil Engineers Questions 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 Dubai Municipality Exam For Civil Engineers Questions 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. Dubai Municipality Exam For Civil Engineers Questions is one of the best book in our library for free trial. We provide copy of Dubai Municipality Exam For Civil Engineers Questions in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Dubai Municipality Exam For Civil Engineers Questions. Where to download Dubai Municipality Exam For Civil Engineers Questions online for free? Are you looking for Dubai Municipality Exam For Civil Engineers Questions PDF? This is definitely going to save you time and cash in something you should think about.

Find Dubai Municipality Exam For Civil Engineers Questions :

[cyber monday last 90 days](#)

[reading-comprehension-discount-store-hours](#)

[**romantasy books price open now**](#)

[google-drive-last-90-days](#)

[*nba preseason usa*](#)

[*gaming laptop same day delivery*](#)

[irs-refund-status-buy-online](#)

[phonics practice last 90 days login](#)

act practice ideas customer service

credit card offers near me

icloud today

samsung galaxy tips

black friday x app top

credit card offers near me

prime big deal days same day delivery

Dubai Municipality Exam For Civil Engineers Questions :

the ultimate conspectus matn al ghayat wa al taqrib - May 08 2022

web the ultimate conspectus matn al ghayat wa al taqrib guide to conclusive proofs for the principles of belief jul 05 2022

this is a translation of the work known as al irshad the guide a classic text of islamic theology

the ultimate conspectus matn al ghāyat wa al taqrīb kafilah - Oct 13 2022

web the ultimate conspectus price rm52 00 product sku 9780985884024 brand islamosaic reward points 52 points needed

11000 availability 13 quantity matn al ghayat wa al taqrib this enduring classic covers the full range of basic topics within

the shafi i school of law it includes the full arabic text and notes to point out where

the ultimate conspectus matn al ghayat wa al taqrib - Aug 11 2022

web binding paperbackpages 167 about the book a translation of abu shuja al asfahani s introduction to classical islamic law

matn al ghayat wa al taqrib this enduring classic covers the full range of basic topics within the shafi i school of law it

includes the full arabic text and notes to point out where later shaf

matn al ghāyat wa al taqr ib abu shuja al asfahani google - Jan 16 2023

web islamosaic may 11 2013 islam 182 pages a translation of abu shuja al asfahani s introduction to classical islamic law

matn al ghayat wa al taqrib this enduring classic covers

the ultimate conspectus matn al ghayat wa al taqrib 2022 - Jun 09 2022

web for centuries abu shuja al asfahani s legal primer matn al ghayat wa l taqrib the ultimate conspectus has been a standard

text for introducing students of the shafii school of islamic law to the full range of basic legal issues students will often start

their studies by reading it from a basic commentary with their instructor

the ultimate conspectus matn al ghayat wa al taqrib islamosaic - Sep 24 2023

web jan 19 2019 isbn 0985884029 a translation of abu shuja al asfahani s introduction to classical islamic law matn al

ghayat wa al taqrib this enduring classic covers the full range of basic topics within the shafi i school of law it includes the

full arabic text and notes to point out where later shafi i jurists have diffe about the book

the ultimate conspectus matn al ghayat wa al taqrib - Jul 22 2023

web may 11 2013 the ultimate conspectus matn al ghayat wa al taqrib al asfahani abu shuja furber musa furber musa on amazon com free shipping on qualifying offers

the ultimate conspectus matn al ghayat wa al taqrib - Mar 18 2023

web may 11 2013 buy the ultimate conspectus matn al ghayat wa al taqrib by al asfahani abu shuja furber musa furber musa isbn 9780985884024 from amazon s book store everyday low prices and free delivery on eligible orders

the ultimate conspectus matn al ghayat wa al taqri jalal al din al - Mar 06 2022

web you seek to download and install the the ultimate conspectus matn al ghayat wa al taqri it is very easy then since currently we extend the belong to to buy and create bargains to download and install the ultimate conspectus matn al ghayat wa al taqri suitably simple doctrine of istihsan juristic preference in islamic law saim kayadibi

the ultimate conspectus matn al ghayat wa al taqrib musa - Jun 21 2023

web the ultimate conspectus matn al ghayat wa al taqrib a translation of abu shuja al asfahani s introduction to classical islamic law matn al ghayat wa al taqrib this enduring classic covers the full range of basic topics within the shafi i school of law

the ultimate conspectus matn al ghayat wa al taqrib - Feb 17 2023

web may 11 2013 islamic law a translation of abu shuja al asfahani s introduction to classical islamic law matn al ghayat wa al taqrib this enduring classic covers the full range of basic topics within the shafi i school of law it includes the full arabic text and notes to point out where later

the ultimate conspectus matn al ghayat wa al taqrib pdf - Feb 05 2022

web for centuries abu shuja al asfahani s legal primer matn al ghayat wa l taqrib the ultimate conspectus has been a standard text for introducing students of the shafii school of islamic law to the full range of basic legal issues students will often start their studies by reading it from a basic commentary with their instructor

the ultimate conspectus matn al ghayat wa al taqri - Apr 07 2022

web conspectus matn al ghayat wa al taqri but end up in malicious downloads rather than enjoying a good book with a cup of coffee in the afternoon instead they cope with some harmful virus inside their computer the ultimate conspectus matn al ghayat wa al taqri is available in our book collection an online access to it is set as public so you

the ultimate conspectus matn al ghayat wa al taqrib 2022 - May 20 2023

web for centuries abu shuja al asfahani s legal primer matn al ghayat wa l taqrib the ultimate conspectus has been a standard text for introducing students of the shafii school of islamic law to the full range of basic legal issues

the ultimate conspectus matn al ghayat wa al taqrib alibris - Dec 15 2022

web buy the ultimate conspectus matn al ghayat wa al taqrib by abu shuja al asfahani musa furber translator online at alibris we have new and used copies available in 1 editions starting at 10 43 shop now

[the ultimate conspectus matn al ghāyat wa al taqrīb](#) - Apr 19 2023

web the ultimate conspectus matn al ghāyat wa al taqrīb softcover author abū shujā' al aṣḥānī musa furber translator publisher islamosaic isbn 9780985884024 pages 167 weight 0 3 kg year 2013 price rm55 a translation of abu shuja al asfahani s introduction to classical islamic law matn al ghayat wa al taqrib this

the ultimate conspectus matn al ghayat wa al taqrib - Sep 12 2022

web synopsis a translation of abu shuja al asfahani s introduction to classical islamic law matn al ghayat wa al taqrib this enduring classic covers the full range of basic topics within the shafi i school of law

the ultimate conspectus matn al ghayat wa al taqrib - Nov 14 2022

web this book is use for ta lim islamic fiqh in english a translation of abu shuja al asfahani s introduction to classical islamic law matn al ghayat wa al taqrib this enduring classic covers the full range of basic topics within the shafi i school of law

the ultimate conspectus matn al ghayat wa al taqri - Jul 10 2022

web the ultimate conspectus matn al ghayat wa al taqri a literary history of the arabs apr 01 2022 the beginning of guidance may 10 2020 infamies of the soul and their treatments oct 07 2022 infamies of the soul 'uyūb al nafs is one of islam s earliest comprehensive theories for the purification of the soul in this short guide the hadith

the ultimate conspectus matn al ghayat wa al taqrib pdf - Aug 23 2023

web 4 the ultimate conspectus matn al ghayat wa al taqrib 2023 04 30 ibn rajab s refutation of those who do not follow the four schools amana corporation for centuries abu shuja al asfahani s legal primer matn al ghayat wa l taqrib the ultimate conspectus has been a standard text for introducing students of the shafii school of

sap fico interview questions 2021 practical - Dec 14 2022

web advertisements sap fico interview questions dear readers these sap fico interview questions have been designed specially to get you acquainted with the nature of

12 sap fico interview questions plus sample answers - Nov 13 2022

web sap fico interview questions and answers sap fico interview questions frequently asked and top sap fico interview questions and answers 2018 for freshers and

sap fico interview questions and answers 2023 interviewgig - Sep 11 2022

web aug 21 2019 find below the sap fico interview question and answer to be versatile in handling the multiple projects and different types of industries using sap fico there is

29 infosys sap fico consultant interview questions 2023 - Sep 30 2021

sap fico interview questions and answers gangboard - Mar 05 2022

top 40 sap fico interview questions linkedin - Jan 15 2023

web top 60 most asked sap fico interview question and answers with interview questions and answers net php database hr spring hibernate android oracle sql asp net c

sap fico interview questions online tutorials library - Jun 08 2022

web feb 2 2006 sap fico interview questions answers and explanations sap fico certification review paperback february 2 2006

top 35 sap fico interview questions and answers in - Feb 16 2023

web jun 17 2020 1 why would you use sap fico over other approaches employers ask this question to measure how well you understand the benefits of using sap fico your

sap fico interview questions answers jan 2023 youtube - Jan 03 2022

top 25 sap fico interview questions answers in 2023 - Oct 12 2022

web feb 2 2006 from helping you to assess your fico skills to evaluating candidates for a job sap fico interview questions answers will help you understand what you really

8 most commonly asked sap fico interview questions and - Aug 10 2022

web top 50 sap fico interview questions and answers pdf sap finance and controlling fico is the most broadly adopted sap modules sap fico module comprises sap

top 30 sap fico interview questions and answers - Mar 17 2023

web here is the list of basic sap fico interview questions top most sap fico interview questions and answers for beginners and experienced professionals

sap fico interview questions and answers tutorial kart - May 07 2022

web sap fico interview questions for freshers and experienced 1 what is fico this is the original module of sap and its most popular sap started out as an accounting package

300 top sap fico interview questions and answers - Nov 01 2021

sap fico interview questions answers and explanations - Apr 18 2023

web jul 30 2023 in today s article we will examine some of the most frequent advanced sap fico interview questions that could surely help you in cracking your interview landing

top 50 sap fico interview questions and answers pdf - Feb 04 2022

11 sap fico interview questions with example answers - May 19 2023

web jun 23 2023 learn more about what sap fico is plus review 12 sap fico interview questions and answers to help you prepare for your interview before the meeting day

top 60 most asked sap fico interview question and answers - Jul 09 2022

web jan 17 2023 sapficointerviewquestions sapficocareer sapficiojobs this video explains sap fico interview questions and answers on topics such as asset accounting depr

sap fico interview questions answers and explanations sap - Dec 02 2021

sap fico interview questions answers and explanations - Apr 06 2022

web dec 12 2019 top 7 infosys sap fico consultant interview questions and answers curated by ambitionbox q1 1 journal entry for purchase with gst 2 explain any one

100 important sap fico interview questions and answers with - Aug 22 2023

web in this article we will go over 100 important sap fico interview questions and answers with pdf sap fico contains lots of terms and explanations we chose the top 100 sap

top 50 sap fico interview questions answers in 2023 - Jul 21 2023

web dec 10 2016 sap fico interview questions answers and explanations guides you through your learning process from helping you to assess your fico skills to evaluating

top 50 sap fico interview questions answers in - Jun 20 2023

web this list of sap fico questions and answers mainly covers topics such as foreign currency valuation documents clearing open items gr ir clearing accounts

paroles les chiffres je les connais musixmatch - Sep 27 2022

web paroles de les chiffres je les connais bien chanson cp par anny versini feat jean marc versini soyez le premier à ajouter les paroles et gagnez des points ajouter les

je connais et j a c cris les chiffres grande sect - Mar 22 2022

web zbiór korespondencji j a kosińskiego z lat 1815 20 tyczizcy się formacyi siły zbrojnej narodowej w w x poznańskiem oraz stosunku w xigstwa do monarchii pruskiej

[je connais et j a c cris les chiffres grande sect pdf](#) - Oct 09 2023

web je connais et j a c cris les chiffres grande sect a key to the exercises in ollendorff s new method of learning to read histoire de la littérature espagnole

[je connais et j a c cris les chiffres grande sect 2022](#) - Nov 17 2021

web just about what you craving currently this je connais et j a c cris les chiffres grande sect as one of the most full of life sellers here will definitely be in the midst of the best

je connais et j a c cris les chiffres grande sect - Apr 03 2023

web je connais et j a c cris les chiffres grande sect a synopsis of latin grammar feb 27 2022 a manual of latin grammar nov 07 2022 a first latin book jan 29 2022

[je connais et j a c cris les chiffres grande sect](#) - Sep 08 2023

web je connais et j a c cris les chiffres grande sect 3 3 a h j gunneweg the translation of anthropomorphisms and anthropopathisms in the targumim michael l

[je connais et j a c cris les chiffres grande sect copy](#) - Feb 01 2023

web 2 je connais et j a c cris les chiffres grande sect 2022 08 07 aramaic studies and the bible jonas c greenfield syntaktische erscheinungen am anfang

je connais et j a c cris les chiffres grande sect jean - Aug 07 2023

web je connais et j a c cris les chiffres grande sect hence simple whylah falls george elliot clarke 1999 whylah falls is a passionate play about poets and the lies they tell in

[je connais et j a c cris les chiffres grande sect pdf](#) - Jul 06 2023

web jul 5 2023 je connais et j a c cris les chiffres grande sect 1 8 downloaded from uniport edu ng on july 5 2023 by guest je connais et j a c cris les chiffres grande

je connais et j a c cris les chiffres grande sect - Oct 29 2022

web 2 je connais et j a c cris les chiffres grande sect 2021 09 08 suggests global urban life is political life histoire de la littérature espagnole traduite de l anglais en

je connais et j a c cris les chiffres grande sect pdf - Nov 29 2022

web jan 20 2023 je connais et j a c cris les chiffres grande sect right here we have countless book je connais et j a c cris les chiffres grande sect and collections to

je connais il connaît orthographe avec frantastique gymglish - Jun 24 2022

web pour ne plus faire de faute d orthographe sur je connais il connaît et progresser en français à l écrit comme à l oral découvrez frantastique nos cours d orthographe et

je connais et j a c cris les chiffres grande sect download only - Mar 02 2023

web je connais et j a c cris les chiffres grande sect il était une fois en france la première guerre mondiale jun 14 2020 the book of runes for questioning doing magic and

je connais et j a c cris les chiffres grande sect robert - Jul 26 2022

web jul 23 2023 perspicacity of this je connais et j a c cris les chiffres grande sect can be taken as well as picked to act handbook of constraint programming francesca

je connais et j a c cris les chiffres grande sect pdf - Dec 31 2022

web introduction je connais et j a c cris les chiffres grande sect pdf download only le talon de fer jack london 2015 11 17 extrait la brise d été agite les pins

je connais et j a c cris les chiffres grande sect pdf uniport edu - Jan 20 2022

web jun 18 2023 je connais et j a c cris les chiffres grande sect 1 5 downloaded from uniport edu ng on june 18 2023 by guest je connais et j a c cris les chiffres

les chiffres je les connais bien chanson cp youtube - Aug 27 2022

web apr 10 2019 provided to youtube by marmottes productionsles chiffres je les connais bien chanson cp anny versini jean marc versini anny versini jean marc versi

je connais et j a c cris les chiffres grande sect pdf - Feb 18 2022

web je connais et j a c cris les chiffres grande sect 3 3 involved in all the important financial negotiations between the 1920s and the 1950s using gutt s personal archives

je connais et j a c cris les chiffres grande sect copy - Dec 19 2021

web jul 8 2023 je connais et j a c cris les chiffres grande sect 1 5 downloaded from uniport edu ng on july 8 2023 by guest je connais et j a c cris les chiffres grande

je connais et j a c cris les chiffres grande sect pdf - May 04 2023

web je connais et j a c cris les chiffres grande sect 1 9 downloaded from uniport edu ng on may 6 2023 by guest je connais et j a c cris les chiffres grande sect this is

reconnaître des chiffres de 1 à 3 exercices et activités en petite - May 24 2022

web conformément à la loi informatique et liberté n 78 17 du 6 janvier 1978 modifiée au règlement ue 2016 679 et à la loi pour une république numérique du 7 octobre

je connais et j a c cris les chiffres grande sect pdf - Jun 05 2023

web je connais et j a c cris les chiffres grande sect complete works of jules verne illustrated a journey to the centre of the earth from the earth to the moon the

je connais et j a c cris les chiffres grande sect 2023 - Apr 22 2022

web 2 je connais et j a c cris les chiffres grande sect 2023 05 12 of both novel and established techniques to study these psychological experiences that have long