

Lab Manual

Java Programming

Computer Science & Engineering | Information Technology (II- B. Tech. - II- Semester)



Regulation R₁₈

Visit - www.btechsmartclass.com to get more like

- Study Materials
- Presentations
- Video Lectures and many more

Java Lab Manual For Cse

JG Myers

Java Lab Manual For Cse:

Delve into the emotional tapestry woven by Crafted by in **Java Lab Manual For Cse**. This ebook, available for download in a PDF format (*), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

https://staging.conocer.cide.edu/public/Resources/fetch.php/hot_sauce_recipe_with_chili_pequines.pdf

Table of Contents Java Lab Manual For Cse

- 1. Understanding the eBook Java Lab Manual For Cse
 - The Rise of Digital Reading Java Lab Manual For Cse
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Java Lab Manual For Cse
 - 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 Java Lab Manual For Cse
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Java Lab Manual For Cse
 - Personalized Recommendations
 - Java Lab Manual For Cse User Reviews and Ratings
 - Java Lab Manual For Cse and Bestseller Lists
- 5. Accessing Java Lab Manual For Cse Free and Paid eBooks
 - Java Lab Manual For Cse Public Domain eBooks
 - Java Lab Manual For Cse eBook Subscription Services
 - Java Lab Manual For Cse Budget-Friendly Options
- 6. Navigating Java Lab Manual For Cse eBook Formats

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

Java Lab Manual For Cse Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Java Lab Manual For Cse free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Java Lab Manual For Cse free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Java Lab Manual For Cse free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Java Lab Manual For Cse. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be

cautious and verify the legality of the source before downloading Java Lab Manual For Cse any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Java Lab Manual For Cse Books

What is a Java Lab Manual For Cse PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. How do I create a Java Lab Manual For Cse PDF? There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. How do I edit a Java Lab Manual For Cse PDF? Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. How do I convert a Java Lab Manual For Cse PDF to another file format? There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. How do I password-protect a Java Lab Manual For Cse PDF? Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Java Lab Manual For Cse:

hot sauce recipe with chili pequines

hotel accounting guide

hooghly mohsin college general merit list

honeywell galaxy user guide

honors chemistry final exam study guide

hot springs portable spa manual

horizons canada moves west activities answer

horror story for 8th grader

hot literature grade 9 student edition

horizon bg 260 manual

honeywell visionpro th800series installation guide

honeywell king kx 155 service manual

hot flat crowded revolution america

honeywell ultrastat user manual

honeywell vista 50 installation manual

Java Lab Manual For Cse:

ts ecet 2023 answer key out questions papers get here - Jul 22 2021

kcet answer key 2024 download answer key paper - Mar 10 2023

web sep 6 2023 keet answer key 2024 the karnataka examinations authority kea will release the keet 2024 answer key in online mode the keet exam answer key pdf

cbse ctet answer key 2023 ctet nic in ctet official keys - Nov 06 2022

web jan 17 2023 step 3 download rsmssb cet answer key pdf step 4 check the answers step 5 take the print out for future use rsmssb cet result 2023 the board

mht cet answer key 2023 download link pcb pcm group - Aug 23 2021

web ts ecet 2023 answer key has been released on 25th may 2023 ts ecet is a state level entrance test organized every year by osmania university through this entrance exam

cambridge key english test cambridge university press - Aug 03 2022

web dec 7 2022 hssc cet answer key 2022 haryana staff selection commission hssc will soon release the answer key of the common entrance test cet 2022 group c

cet haryana answer key 2022 pdf omr sheet copy and - Jun 01 2022

web mar 29 2023 step 1 click on the direct link mentioned above step 2 haryana cet answer key will be displayed on the screen step 3 candidates can download the pdf

rajasthan cet answer key 2023 12th level response sheet - Feb 26 2022

web mar 31 2023 click on the answer key link cet graduation level 2022 primary answer key 131a or cet graduation level 2022 primary answer key 131b or cet

rsmssb cet answer key 2023 released - Oct 05 2022

web rajasthan cet exam paper solution rajasthan cet exam answer key 7 jan shift 1 utkarsh classes utkarsh classes jodhpur mht cet answer key 2022 releasing today where how to - Dec 07 2022

web sep 4 2023 ctet 2023 answer key at ctet nic in candidates can follow the steps given below to download the ctet answer key 2023 visit the official website ctet nic in click

karnataka dcet 2023 answer key pdf out aglasem admission - Jul 14 2023

web sep 13 2023 you can download the karnataka dcet answer keyall sets from here on aglasem to match your answers the answer key of karnataka diploma common

mht cet 2022 answer key released check direct link firstpost - Nov 25 2021

web sep 2 2022 mht cet cell has officially released the mht cet answer key 2022 for pcm pcb group follow these steps to download check and calculate the scores

kcet answer key 2023 download answer sheet may 25 - Mar 30 2022

web feb 11 2023 rajasthan cet answer key 2023 response sheet pdf rajasthan cet answer key 2023 for 12th level exam will be released in 3rd week of february 2023 at

ini cet answer key 2023 with solutions pdf - Apr 11 2023

web aug 22 2023 the memory based ini cet question paper and answer key is released after the exam candidates must note ini cet 2023 official answer key will not be

mht cet answer key 2023 released on cetcell mahacet org for - May 12 2023

web may 27 2023 new delhi the state common entrance test cell government of maharashtra released the mht cet answer key 2023 on may 26 candidates who

cet official answer key 2022 hssc cet official - Jan 08 2023

web mht cet 2022 answer key state common entrance test cell maharashtra will release provisional answer key of mht cet 2022 today september 1

mht cet answer key 2022 for pcm pcb group released on - Oct 25 2021

web the mht cet answer key is an important document released by the state common entrance test cell scetc maharashtra after the mht cet exam commencement

mht cet answer key 2023 steps to download benefits more - Feb 09 2023

web sep 8 2023 the mht cet answer key is a document released by cet cell maharashtra available online on their official website cetcell mahacet org this key

hssc cet answer key 2022 soon check pdf and answer - Jul 02 2022

web jul 31 2023 cet haryana answer key 7 dec 2022 answer key objection up to 11 dec 2022 05 00 pm cet haryana answer key 2022 pdf download the cet omr

kcet key answer 2023 karnataka ugcet biology maths - Aug 15 2023

web may 21 2023 ug cet karnataka cet 2023 exam key answer biology maths physics chemistry question paper solution subject wise paper karnataka cet or kcet is

mht cet answer key 2023 by scetc download now embibe - Sep 23 2021

web august 3 2023 by sarkari result mht cet answer key 2023 pcb pcm pdf state common entrance test cell maharashtra is going to be released soon mht cet

ctet answer key 2023 out on ctet nic in direct link to download - Jun 13 2023

web 2 hours ago step 1 go to the website of the ctet ctet nic in step 2 click on the answer key link given on the homepage submit key challenge for ctet step 3 a

cet answers key youtube - Sep 04 2022

web the candidate answer sheets at the back of this book are designed to be copied and distributed in class the normal requirements are waived here and it is test 3 key 130

haryana cet answer key testbook com - Apr 30 2022

web the steps to download your official karnataka cet provisional answer key 2023 are as under 1st step visit the official website of kea cetonline karnataka gov in 2nd step

rsmssb cet answer key 2023 out direct pdf download link - Jan 28 2022

web dec $30\ 2022$ q1 is hssc cet omr sheet 2022 out ans yes haryana hssc cet omr sheet 2022 has been uploaded on 07th december 2022 q2 how can i download

haryana cet answer key 2022 out direct pdf download - Dec 27 2021

web sep 1 2022 the state common entrance test cell has released the answer key for maharashtra health and technical common entrance test mht cet 2022 today 1

perfaqesuesit e rilindjes evropiane francez uniport edu - May 23 2022

web apr 6 2023 perfaqesuesit e rilindjes evropiane francez 1 5 downloaded from uniport edu ng on april 6 2023 by guest perfaqesuesit e rilindjes evropiane francez

perfaqesuesit e rilindjes evropiane francez - Jul 05 2023

web botimi në lidhje me botimin e parë janë se një pjesë e madhe e kalkulusit i dhe ii janë rishkruar ky libër përmban një komponent më të madh të gjeometrisë analitike jo vetëm në

perfaqesuesit e rilindjes evropiane francez pdf ai classmonitor - Sep 26 2022

web jun 26 2023 perfaqesuesit e rilindjes evropiane francez 1 5 downloaded from uniport edu ng on june 26 2023 by guest perfaqesuesit e rilindjes evropiane

filozofia e shkurtimisht rilindjes përfaqësuesit e filozofisë së - Jun 04 2023

web aug 2 2018 18 11 02 gusht 2018 parlamenti i francës ka miratuar zyrtarisht një ligj të ri për azilkërkuesit dhe emigrantët pavarësisht kundërshtimeve të pothuajse të gjitha

perfaqesuesit e rilindjes evropiane francez pdf uniport edu - Aug 26 2022

web mar 29 2023 perfaqesuesit e rilindjes evropiane francez 2 5 downloaded from uniport edu ng on march 29 2023 by guest history anthropology political science and

perfaqesuesit e rilindjes evropiane francez pdf uniport edu - Jul 25 2022

web perfaqesuesit e rilindjes evropiane francez 1 6 downloaded from uniport edu ng on may 20 2023 by guest perfaqesuesit e rilindjes evropiane francez right here we have

perfagesuesit e rilindjes evropiane francez copy uniport edu - Apr 21 2022

web sep 27 2023 april 26th 2018 njohu idetë e revolucionit francez e rilindjes si ideolog dhe si poet bashkëkohore evropiane veçse në kërkimet e tij për forma të

perfagesuesit e rilindjes evropiane francez - Jan 19 2022

web sep 29 2023 perfaqesuesit e rilindjes evropiane francez rilindja kombëtare wikipedia franca rikonfirmon mbështetjen ndaj agjendës evropiane të rilindja

perfaqesuesit e rilindjes evropiane francez pdf uniport edu - Aug 06 2023

web apr 13 2023 perfaqesuesit e rilindjes evropiane francez 1 5 downloaded from uniport edu ng on april 13 2023 by guest perfaqesuesit e rilindjes evropiane

perfaqesuesit e rilindjes evropiane francez - Mar 21 2022

web this one merely said the perfaqesuesit e rilindjes evropiane francez is universally compatible once any devices to read diplomatic theory from machiavelli to kissinger

perfaqesuesit e rilindjes evropiane francez - Feb 17 2022

web shqiptar i madh i rilindjes evropiane revolucioni francez dhe gjendja ne evrope gjatË shek xix arsimi në mesjetën evropiane detyra kursi shqip

perfaqesuesit e rilindjes evropiane francez - Dec 18 2021

web oct 7 2023 rilindja wikipedia perfaqesuesit e rilindjes evropiane francez shqiptarËt dhe studiuesit gjermanË shkupi press documentary on life

ese revolucioni francez banka e fundit - Mar 01 2023

web oct 5 2023 perfaqesuesit e rilindjes evropiane francez this is likewise one of the factors by obtaining the soft documents of this perfaqesuesit e rilindjes evropiane

perfaqesuesit e rilindjes evropiane francez - Nov 16 2021

perfaqesuesit e rilindjes evropiane francez - Dec 30 2022

web mar 31 2023 perfaqesuesit e rilindjes evropiane francez 1 4 downloaded from uniport edu ng on march 31 2023 by guest perfaqesuesit e rilindjes evropiane

këshilli i ambasadorëve përkrah propozimin francez telegrafi - Apr 02 2023

web mar 11 2017 ese revolucioni francez shoqëria franceze e gjysmës së dytë të shekullit xviii ishte në krizë ajo ishte e tejngopur nga pabarazia e theksuar sidomos në aspektin

franca rekomandon dozën përforcuese të vaksinës për personat - Oct 28 2022

web perfaqesuesit e rilindjes evropiane francez 1 perfaqesuesit e rilindjes evropiane francez politika e serbisë kundrejt shqipërisë gjatë luftës ballkanike ars poetica nr 19

perfaqesuesit e rilindjes evropiane francez uniport edu - Nov 28 2022

web autoriteti më i lartë shëndetësor i francës rekomandon një vaksinim përforcues të koronavirusit për njerëzit e moshës mbi 40 vjeç një vlerësim i studimeve

 $\underline{perfaqesuesit\ e\ rilindjes\ evropiane\ francez\ pdf\ uniport\ edu}\ -\ Jun\ 23\ 2022$

web jun 21 2023 right here we have countless ebook perfaqesuesit e rilindjes evropiane francez and collections to check out we additionally provide variant types and after that

perfaqesuesit e rilindjes evropiane francez copy - Jan 31 2023

web sep 12 2023 oborret e mëdha evropiane e rilindjes në itali qe madh francez i rilindjes perfaqesuesit e rilindjes

evropiane francez april 25th 2018 wed 18 apr

<u>ligji i ri Çfarë i pret emigrantët shqiptarë në francë gazeta si</u> - May 03 2023

web këshilli i ambasadorëve konsideron se është e nevojshme të pranohet kompromisi europian sepse ky është një hap i rëndësishëm që do ta afrojë maqedoninë e veriut

perfaqesuesit e rilindjes evropiane francez liululu - Sep 07 2023

web perfaqesuesit e rilindjes evropiane francez fillimet e mijëvjeçarit të tretë para erës sonë u vendos popullsia indo evropiane si rezultat i kësaj përzierje u krijua një popullsi që

perfaqesuesit e rilindjes evropiane francez - Oct 08 2023

web perfaqesuesit e rilindjes evropiane francez yugoslavia ars poetica nr 19 maj 2009 historia e shqipërisë vitet 30 të shek xix 1912 ancient rome at work ars poetica nr

kautilya saptanga theory i indian political thought youtube - Mar 21 2022

web 4 5k share 132k views 4 years ago indian political thought this video explains you the saptanga theory this video is suitable for ba p students and ba h political science students and

kautilya s saptang theory of state pdf academia edu - Apr 02 2023

web a state is a set of institutions that possess the authority to make the rules that govern the people in one or more societies having internal and external sovereignty over a definite territory also a state is geographically delimited segment of human society bound by a common obedience to a single sovereign

saptang theory ppt slideshare - Jul 05 2023

web jul 8 2021 saptanga theory in his saptanga theory kautilya enumerates seven prakritis or essential organs of the state 1 swamin king 2 amatya ministers 3 janapad the people and territory 4 durga the fort 5 kosha strong treasury 6 danda strong army 7

viewing contemporary india through the kautilyan lens - Mar 01 2023

web jun 27 2020 kautilya s saptanga seven organs theory of state illustrates a novel dimension of state power that dialectically engages political rationality and normativity artha and dharma

the saptang theory of manu blogger - Dec 30 2022

web dec 29 2020 the saptang theory of manu it was for the first time in ancient india that the arthashastra of kautilya provided a definition of the state that no territory deserves the name of a kingdom state unless it is full of people and controlled by an agglomeration of power with absolute authority over the territory

social political economic landscapes in kautilya s arthashastra - Jan 31 2023

web jun 4 2020 the arthashastra puts forward the saptanga theory of the state being comprised of seven constituent

elements the king ministers countryside fort treasury army ally the pre eminence of the king perhaps stemmed from the fact that he has the power to acquire and protect productive territory and tax the people living in it

saptanga or seven limb of state theory indian tradition culture - Jun 23 2022

web feb 27 2022 which are the seven elements of saptangas what is saptang siddhant of kautilya what is mandala theory what is the saptanga theory what are the seven importan

saptang theory pdf fortification taxes scribd - Feb 17 2022

web kautilya saptanga theory of state the word saptang indicates seven limbs constituents or elements together they constitute the state as an organism to an extent the saptanga theory of state finds elaboration in the ancient greek political philosophy

arthashastra saptanga □ □ □ theory of youtube - Aug 26 2022

web 57k views 2 years ago attempts to introduce and explain the saptanga \square \square theory of state as propounded in great indian treatise arthashastra of kautilya past years question

saptanga theory of kautilya svami amatya janapada and more - Oct 08 2023

web may 23 2023 in the saptanga theory of kautilya a system of seven interconnected and interlacing constituent limbs or elements angas or prakriti are used to explain the state with a few adjustments this saptanga theory of kautilya was accepted and can be seen in many later writings such as the mahabharata puranas and the dharmashastras kautilya saptanga theory of state jstor - Aug 06 2023

web the indian journal of political science vol lxxi no 1 jan mar 2010 pp 59 68 kautilya saptanga theory of state kiranjitkaur the article attempts to analyse the saptanga theory of kautilya it describes seven elements of state and these resemble the modem theory of state the paper also looks into modern concepts of statecraft

shashank mittal asked what is the contemporary relevance of - Nov 28 2022

web feb 28 2022 medha bisht replies saptanga theory is the theory of the state translated as seven limbs sapt anga it helped one understand the prakriti nature or character of the state the seven constituent elements can also be described as the building blocks which determined the prakriti of the state

upsc cse gs kautilya saptanga theory offered by - Sep 26 2022

web kautilya s famous saptanga theory the constituent organs their role also discussed is the machinery of the government during his times

kautilya s saptang theory of state magadh mahila college - Sep 07 2023

web although kautilya s state theory states the monarchical democracy but the sole authority vested under the king to make law and that it derived from four sources dharma sacred law vyavhara evidence charita history and custom and rajasasana

edicts of the king arthashastra represents a system of civil criminal and mercantile law doctrine of saptang theory ppt slideshare - Oct 28 2022

kautilya arthashastra saptanga theory indian political thought - Apr 21 2022

web dec 27 2019 in this video you will learn 1 a brief history of arthashastra2 translation of arthashastra3 composition of arthashastra4 the main theme of arthashastra

kautilya saptanga theory of s shivaji college - Jun 04 2023

web from a sort of hobbesian state of nature the saptang theory is a vivid manifestation of kautilya's deeper understanding of not only the political nature of man but also the functioning of his political institutions especially the state

kautilya s saptanga theory full explanation with notes youtube - Jul 25 2022

web i made this video for the purpose of helping the students as per my knowledge if anything wrong found in this video that is completely unintentional and mis

what is the meaning of saptanga theory short fact - May 23 2022

web jun 25 2019 what is the meaning of saptanga theory according to kautilya a state has seven elements or constituents namely swamin the king amatya the minister janapada the land and the people durga the fortress kosha the treasury danda the army and mitra the allies

pdf kautilvas saptang theory nitish yadav academia edu - May 03 2023

web the theory of state or the saptanga theory the word saptang indicates seven limbs constituents or elements together they constitute the state as an organism like a chariot composed of seven parts fitted and subservient to one another