

Part No. 7346

CHILTON'S
REPAIR & TUNE-UP GUIDE

PONTIAC MID-SIZE 1974-83

Grand Am 1974-80 • Grand Le Mans 1975-81
Grand Prix 1974-83 • GTO 1974 • Le Mans 1974-81
Phoenix 1978-79 • Ventura 1974-77

BODY
REPAIR
TUNE-UP TIPS
FUEL ECONOMY
16 PAGES FULL COLOR



Pontiac Chilton Manual

RD Boyd



Pontiac Chilton Manual:

Thank you extremely much for downloading **Pontiac Chilton Manual**. Maybe you have knowledge that, people have seen numerous times for their favorite books later this Pontiac Chilton Manual, but end occurring in harmful downloads.

Rather than enjoying a fine PDF subsequently a cup of coffee in the afternoon, otherwise they juggled in imitation of some harmful virus inside their computer. **Pontiac Chilton Manual** is genial in our digital library an online right of entry to it is set as public thus you can download it instantly. Our digital library saves in compound countries, allowing you to acquire the most less latency times to download any of our books considering this one. Merely said, the Pontiac Chilton Manual is universally compatible following any devices to read.

<https://crm.avenza.com/About/publication/HomePages/Onan%201000%20Amp%20Ats%20Manual.pdf>

Table of Contents Pontiac Chilton Manual

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

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

Pontiac Chilton Manual Introduction

Pontiac Chilton Manual Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Pontiac Chilton Manual Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Pontiac Chilton Manual : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Pontiac Chilton Manual : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Pontiac Chilton Manual Offers a diverse range of free eBooks across various genres. Pontiac Chilton Manual Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Pontiac Chilton Manual Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Pontiac Chilton Manual, especially related to Pontiac Chilton Manual, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Pontiac Chilton Manual, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Pontiac Chilton Manual books or magazines might include. Look for these in online stores or libraries. Remember that while Pontiac Chilton Manual, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Pontiac Chilton Manual eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Pontiac Chilton Manual full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Pontiac Chilton Manual eBooks, including some popular titles.

FAQs About Pontiac Chilton Manual Books

1. Where can I buy Pontiac Chilton Manual books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Pontiac Chilton Manual book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Pontiac Chilton Manual books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Pontiac Chilton Manual audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Pontiac Chilton Manual books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Pontiac Chilton Manual :

[onan 1000 amp ats manual](#)

one child s struggle coping with epilepsy

ondo state ss2 joint exam result

on lin application form net care nursing

oman prometric test pediatric question

[omc 350 cobra engine manual](#)

[ondo state joint exam time table for ss2](#)

~~on line report viewing dod~~

[onan generator manual wiring](#)

one little yolk

ongc mechanical exam papers

onan survice manual

omc vro manual

one the selection 4shared

~~onan hgjad parts manual~~

Pontiac Chilton Manual :

sally mann a thousand crossings getty360 calendar - Mar 04 2022

web occurred on fri nov 16 2018 the first major international exhibition of the work of american photographer sally mann the exhibition explores themes of family memory mortality and the southern landscape as repository of personal and collective memory

[sally mann a thousand crossings high museum of art - Apr 17 2023](#)

web dec 16 2019 sally mann a thousand crossings easter dress image sally mannmann s daughter jessie holds aloft the skirt of a white dress originally worn by mann on the maury image sally mannthe maury river site of exploration amusement and physical daring played a central deep south untitled

sally mann a thousand crossings getty - Sep 22 2023

web nov 16 2018 collodion and the angel of uncertainty this exhibition is the first international retrospective of the work of american photographer sally mann it explores themes of family memory mortality and the southern landscape as the

repository for personal and collective memory

sally mann a thousand crossings national gallery of art - Jul 08 2022

web sally mann a thousand crossings sally mann on the maury 1992 gelatin silver print private collection image sally mann 1 of 16 national gallery of art

sally mann a thousand crossings national gallery of art - Aug 21 2023

web may 28 2018 sally mann a thousand crossings considers how mann s relationship with this land has shaped her work and how the legacy of the south as both homeland and graveyard refuge and battleground continues to permeate american identity

sally mann a thousand crossings amazon com - Oct 11 2022

web mar 27 2018 sally mann a thousand crossings greenough sarah kennel sarah mann sally als hilton daniel malcolm faust drew gilpin national gallery of art peabody essex museum on amazon com free shipping on qualifying offers

sally mann a thousand crossings re edition magazine - Aug 09 2022

web sally mann is the winner of the 2021 9th prix pictet at a ceremony at victoria and albert museum in london on december 15 2021 it aims to harness the power of photography to draw global attention to issues of sustainability particularly concerning the environment the thematic focus of this award cycle is fire

sally mann a thousand crossings getty - Oct 23 2023

web this exhibition is the first international retrospective of the work of american photographer sally mann it explores themes of family memory mortality and the southern landscape as the repository for personal and collective memory

introduction to the exhibition sally mann a thousand crossings - Jun 07 2022

web for more than forty years sally mann b 1951 lexington virginia has made experimental elegiac and hauntingly beautiful photographs a broad body of wor

about sally mann - Feb 15 2023

web the national gallery of art presented a critically lauded show sally mann a thousand crossings in 2018 comprised of 109 prints and several videos a thousand crossings addresses complex issues relating to the american south and will travel internationally until the beginning of 2020

sally mann a thousand crossings gettyguide mobile - Jan 14 2023

web start tour tour how to and tips join artist sally mann as she shares her process of making photographs and recalls memories of the people and places she s pictured tour preview 00 00 the turn detail 2005 sally mann gelatin silver print

[sally mann a thousand crossings the j paul getty museum](#) - Jun 19 2023

web the first major international exhibition of the work of american photographer sally mann the exhibition explores themes

of family memory mortality and the southern landscape as repository of sally mann a thousand crossings the j paul getty museum collection

sally mann a thousand crossings getty - Apr 05 2022

web nov 16 2018 sally mann a thousand crossings november 16 2018 to february 10 2019 the j paul getty museum at the getty center 4 4 sally mann american born 1951 mann the ditch 1987 gelatin silver print image 47 5 58 cm 18 11 16 22 13 16 in the art institute of chicago gift of sally mann and edwynn houk gallery 2000 41

sally mann a thousand crossings national gallery of art - Jul 20 2023

web jan 8 2018 sally mann a thousand crossings the first major survey of this celebrated artist to travel internationally investigates how mann s relationship with her native land a place rich in literary and artistic traditions but troubled by history has shaped her work the exhibition brings together 109 photographs many exhibited for the first time

sally mann a thousand crossings by sarah greenough goodreads - Dec 13 2022

web 4 51 91 ratings10 reviews for more than 40 years sally mann b 1951 has made experimental elegiac and hauntingly beautiful photographs that explore the overarching themes of existence memory desire death the bonds of family and nature s magisterial indifference to human endeavor

books sally mann - Nov 12 2022

web sally mann a thousand crossings the national gallery of art abrams books 2018 remembered light cy twombly in lexington gagosian abrams books 2016 hold still little brown 2015 southern landscape 21st editions 2013 the flesh and the spirit aperture 2010

pem org sally mann a thousand crossings - Mar 16 2023

web jun 30 2018 the artist s first major traveling exhibition sally mann a thousand crossings explores themes of family memory mortality and home as well as the southern landscape as repository of personal and collective memory

sally mann a thousand crossings press sally mann - May 06 2022

web sally mann aesthetica magazine gagosian quarterly houston chronicle hyperallergic the new yorker national review the new york review of books the boston globe

sally mann a thousand crossings march 3 may 27 2019 - Sep 10 2022

web sally mann a thousand crossings is the first major retrospective of the celebrated artist s career this internationally traveling exhibition investigates how mann s relationship with her native virginia a place rich in literary and artistic traditions yet troubled by history has shaped her work

sally mann s haunted south the new york times - May 18 2023

web mar 29 2018 sally mann s haunted south from sally mann a thousand crossings at the national gallery of art 40 years of

elegiac photographs of her family and the southern landscape misted over by

[batman earth one vol 2 on apple books](#) - Nov 06 2022

web the second installment in the 1 new york times best selling series batman earth one reteams writer geoff johns with artist gary frank and introduces readers to a bevy of batman s most infamous foes but with unexpected twists and turns that build an all new incredible mythology for one of the fictional world s most popular characters

batman earth one 2 hardcover illustrated may 12 2015 - Aug 03 2022

web may 12 2015 comics graphic novels graphic novels kindle edition 12 59 available instantly hardcover 28 99 paperback 17 99 other used new collectible from 10 75 buy new 28 99 free delivery saturday august 19 on your first order details or fastest delivery tomorrow august 16 order within 20 hrs 54 mins details select delivery location

[batman earth one wikipedia](#) - May 12 2023

web cover page for volume two of batman earth one may 2015 the events depicted in volume two occur six months after those of volume one a mysterious serial killer who calls himself the riddler is murdering people in

batman earth one volume 2 batman wiki fandom - Jul 02 2022

web batman earth one volume 2 is the second issues of the comic series batman earth one the issue was written by geoff johns and drawn by gary frank bruce wayne batman jessica dent alfred pennyworth james gordon harvey bullock harvey dent dies in this issue lucius fox waylon jones killer

batman earth one vol 2 batman earth one series amazon com - Sep 04 2022

web may 12 2015 geoff johns batman earth one vol 2 batman earth one series kindle comixology by geoff johns author gary frank illustrator artist 1 more format kindle edition 1 236 ratings 4 3 on goodreads 5 096 ratings book 2 of 3 batman earth one see all formats and editions kindle comixology 1 99 read on any device kindle

[batman earth one vol 1 2 dc database fandom](#) - Apr 30 2022

web batman earth one 2 is an issue of the series batman earth one volume 1 with a cover date of july 2015 it was six months after the death of mayor cobblerpot the mysterious serial killer who calls himself the riddler is murdering people in gotham hoping to get batman s attention

batman earth one vol 2 amazon co uk - Feb 09 2023

web following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one vol 2 the riddler has arrived in gotham and he s terrorizing the city with his own twisted brand of anarchy

batman earth one tp kapak değişebilir amazon com tr - Oct 05 2022

web batman is not a hero he is just a man fallible vulnerable and angry in a gotham city where friend and foe are

indistinguishable bruce wayne s path toward becoming the dark knight is riddled with more obstacles than ever before

batman earth one vol 2 buy online at best price in ksa - Dec 27 2021

web jun 21 2016 returning from vol 1 are alfred lucious fox detective gordon and harvey bullock also carrying over from vol 1 is jessica dent and her brother harvey who each have much larger parts to play in vol 2 i enjoyed this one more than the first volume for numerous reasons

batman earth one 2 amazon com - Jun 13 2023

web jun 21 2016 following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one vol 2 the riddler has arrived in gotham and he s terrorizing

graphic novel review batman earth one vol 2 ign - Dec 07 2022

web may 6 2015 by jesse schedeen posted may 6 2015 1 01 pm of the three series to debut in dc s slowly growing earth one line so far superman batman and teen titans batman earth one is easily

batman earth one vol 2 hardcover barnes noble - Jan 08 2023

web may 12 2015 following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one vol 2 the riddler has arrived in gotham and he s terrorizing

five important differences in batman earth one dc - Mar 30 2022

web may 12 2015 today marks the official release of batman earth one vol 2 the second installment of geoff johns and gary frank s reimagining of the dark knight legend if you re familiar with the earth one books you re probably already looking forward to it

batman earth one 2 johns geoff frank gary - Feb 26 2022

web following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one vol 2 the riddler has arrived in gotham and he s terrorizing the city with his own twisted brand of anarchy

batman earth one vol 2 dc - Aug 15 2023

web batman earth one vol 2 it s here the sequel to the 1 new york times bestseller and critically acclaimed batman earth one by the superstar creative team of writer geoff johns and artist gary frank while gotham city is plunged into terror by an enigmatic anarchist and killer calling himself the riddler the dark knight must reconcile

batman earth one vol 2 geoff johns graphic novel comics - Apr 11 2023

web following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one vol 2 the riddler has arrived in gotham and he s terrorizing the city with his own twisted brand of anarchy

batman earth one volume 2 hc batman earth 1 kapak - Jul 14 2023

web following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one volume 2 the riddler has arrived in gotham and he s terrorizing the city with his own twisted brand of anarchy but why is he attacking now and what is his endgame

batman earth one vol 2 geoff johns graphic novel comics - Mar 10 2023

web batman earth one vol 2 yazar geoff johns resimleyen gary frank various yayınevleri dc comics kitap formatı ciltli kutulu kitap

batman earth one complete collection geoff johns fiyat - Jan 28 2022

web this stunning collection contains all three volumes of the batman earth one series contains batman earth one batman earth one vol 2 and batman earth one vol 3 tanıtım bülteninden

batman earth one vol 2 johns geoff amazon com au books - Jun 01 2022

web paperback 26 99 2 used from 14 36 15 new from 24 56 following the events of the 1 new york times bestselling original graphic novel by geoff johns comes the highly anticipated sequel batman earth one vol 2 the riddler has arrived in gotham and he s terrorizing the city with his own twisted brand of anarchy

algorithm and flowchart of pass 1 assembler - May 29 2023

1 algorithm and flowchart of pass 1 assembler encyclopedia of microcomputers mar 05 2021 the encyclopedia of microcomputers serves as the ideal companion reference to the popular encyclopedia of computer science and technology now in its 10th year of publication this timely reference work details the broad spectrum of

algorithm tutorials on first pass and second pass of assembler - Jul 31 2023

feb 9 2012 the assembler software like a human is going to read the source file from top to bottom byte 0 in the file to the end there are no hard and fast rules as to what you complete in each pass and it is not necessarily a pass on the file but a pass on the data first pass as you read each line you parse it

algorithm and flowchart of pass 1 assembler download only - May 17 2022

algorithm and flowchart of pass 1 assembler downloaded from repo inventoryclub com by guest eaton micaela introduction to biostatistics computer science crc press 3800 mcq multiple choice questions and answers in algorithm design e book for fun quizzes and examinations it contains only questions answers on the given topic

assembler pass 1 and pass2 algorithm pdf assembly - Apr 27 2023

assembler pass 1 and pass2 algorithm free download as pdf file pdf text file txt or read online for free this is assembler pass1 and pass2 algorithm

two pass assemblers advantages working design entc engg - Oct 22 2022

sep 23 2015 how does 2 pass assembler work 2 pass assembler algorithm 2 pass assembler design 2 pass assembler program agenda introduction advanced assembler directives origin equ lt org pass i of the assembler data structure used in pass i opta symtab littab pooltab algorithm intermediate code declaration and

pass 1 pass 2 flowchart for design of assembler - Jun 29 2023

pass 1 pass 2 flowchart for design of assembler author deepak created date 5 1 2006 7 36 45 am

bca draw the flowchart for pass 1 assembler and explain it - Oct 02 2023

feb 12 2013 whenever the analysis phase sees a label in an assembly statement it enters the label and the contents of lc in a new entry of the symbol table it then finds the number of memory words required by the assembly statement and updates the lc contents

algorithm and flowchart of pass 1 assembler eldad eilam 2023 - Jul 19 2022

1 algorithm and flowchart of pass 1 assembler getting the books algorithm and flowchart of pass 1 assembler now is not type of challenging means you could not by yourself going gone books hoard or library or borrowing from your associates to gate them this is an very simple means to specifically get lead by on line

assemblers design of two pass assembler data structures - Jan 25 2023

module 3 part 3 assemblers functions of assembler in two passes overview of steps in pass 1 and pass 2 with steps in each pass introduction to step 2 and 3 of general design procedure

311180208 assembler pass 1 and pass2 algorithm studocu - Mar 27 2023

311180208 assembler pass 1 and pass2 algorithm assembler pass 1 begin read first input line if studocu dad assembler pass begin read first input line if opcode then begin save as starting address initialize locctr to starting address write line to intermediate skip to document

introduction of assembler geeksforgeeks - Mar 15 2022

sep 25 2023 assembler is a program for converting instructions written in low level assembly code into relocatable machine code and generating along information for the loader it is necessary to convert user written programs into a machinery code *algorithm and flowchart of pass 1 assembler* - Nov 22 2022

pass 1 assembler and numerous book collections from fictions to scientific research in any way among them is this algorithm and flowchart of pass 1 assembler that can be your partner an invitation to computer science g michael schneider 2000 this textbook for a one semester introductory course in computer science for non majors broadly

explain two pass assembler with flow chart ques10 - Apr 15 2022

1 answer 2 3 8k views written 5 6 years ago by rajyadav engg 450 two pass translation two pass translations consist of pass i and pass ii generally lc processing performed in the first pass and symbols defined in the program entered into the symbol

table hence first pass performs analysis of the source program

mechanical engineering flowchart of pass 1 assembler - Sep 20 2022

this solution extends conceptdraw pro v 9 mechanical drawing software or later with samples of mechanical drawing symbols templates and libraries of design elements for help when drafting mechanical engineering drawings or parts assembly pneumatic

assembler pass 1 and pass2 algorithm jlk9w9edj345 - Sep 01 2023

download view assembler pass 1 and pass2 algorithm as pdf for free more details words 378 pages 2 preview full text related documents assembler pass 1 and pass2 algorithm jlk9w9edj345

assemblers design of two pass assembler data structures - Feb 11 2022

apr 29 2020 module 3 part 4 assemblers details of all data structures used in pass 2 of assembler discussion of pass 2

algorithm step by step explanation of the wo

write and explain the algorithm of pass 1 of two pass assembler - Jun 17 2022

algorithm driven video delivery every video from our database is delivered against the content which students are browsing with the help of our proprietary algorithm eduladder career we have a robust ats developed on the top of famous open source ats called open cats the apis which we have built on the top of the same will deliver the best

first pass ibm - Dec 24 2022

on the first pass the assembler performs the following tasks checks to see if the instructions are legal in the current assembly mode allocates space for instructions and storage areas you request fills in the values of constants where possible builds a symbol table also called a cross reference table and makes an entry in this table

module 2 pass1 and pass 2 assembler data structures in assembler - Aug 20 2022

the algorithm for pass 1 the algorithm scans the first statement start and saves the operand field the address as the starting address of the program initializes the locctr value to this address

pass 1 of an assembler system programming youtube - Feb 23 2023

aug 10 2019 in this video we will learn about pass one of an assembler if in the exam this question comes to you theb you need to draw this flowchart and then explain it as i have done