

# AP COMPUTER SCIENCE

COMPUTER  
SCIENCE A

VS.

COMPUTER SCIENCE  
PRINCIPLES

Problem solving  
and object-oriented  
programming

CURRICULAR  
FOCUS

Big ideas of computer science  
(including algorithms  
and programming)

Java

PROGRAMMING  
LANGUAGE

Teachers choose the  
programming language

Free-response  
questions

END-OF-COURSE  
EXAM EXPERIENCE

Create performance task  
administered by the teacher,  
students submit digital artifacts

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# Ap Computer Science Ab Study Guide

**Julie Sway**



## **Ap Computer Science Ab Study Guide:**

**Java Concepts** Frances P. Trees, Cay S. Horstmann, 2007-10-16 A study guide for AP computer science studies in Java Compatible with Java 5 and 6 the Java Concepts Advanced Placement Computer Science Study Guide is a companion piece to the main text Java Concepts for AP Computer Science 5e It moves students forward in their studies of Java while presenting and reinforcing skills and knowledge that is tested on the AP Computer Science A and AB examinations The study manual supports the primary textbook by sharing examples and explanations of Java Practice questions and tips are also provided to help users prepare for the computer science exam

**Cracking the AP Computer Science A Exam, 2017 Edition** The Princeton Review, 2016-09-27 This eBook edition has been specially formatted for on screen viewing with cross linked questions answers and explanations EVERYTHING YOU NEED TO HELP SCORE A PERFECT 5 Equip yourself to ace the AP Computer Science A Exam with The Princeton Review's brand new comprehensive study guide including 2 full length practice tests thorough content reviews access to our AP Connect online portal and targeted strategies for every section of the exam This brand new addition to our best selling Cracking the AP Exam series is perfect for students tackling the fast growing AP Computer Science A test Easy to understand and simple to use this book gives you all the tools you need to get the score you want Everything You Need to Know to Help Achieve a High Score Comprehensive content review of key Computer Science A topics including lab requirements Up to date information on the 2017 AP Computer Science A Exam Engaging activities to help you critically assess your progress Access to AP Connect our online portal for helpful pre college information and exam updates Practice Your Way to Excellence 2 full length practice tests with detailed answer explanations Comprehension drills in each content review chapter Step by step walk throughs of sample questions Techniques That Actually Work Tried and true strategies to help you avoid traps and beat the test Tips for pacing yourself and guessing logically Essential tactics to help you work smarter not harder

[AP Computer Science A and AB](#) Susan B. Horwitz, Leigh Ann Sudol, 2009 Key Message Pearson Education's Review for the AP Computer Science Exam in Java covers everything you need to know to get the score you want It is written by a former AP Exam writer and is developed to help you take advantage of her experience Key Topics This test prep guide will help you Understand how to approach the GridWorld case study a required part of the AP Computer Science A and AB curricula Review the most current AP Java topics for both the A and AB exams tested on the exam in a clear and concise manner Practice with six sample exams three for the A and three for the AB exam Develop sound test taking strategies with this book's detailed review of Java hundreds of practice questions test taking tips and AP style grading guide Key Market Used in the classroom or as a self study guide this is an ideal resource for those taking the AP Computer Science exam in Java

[Cracking the AP Computer Science a Exam, 2018 Edition](#) Princeton Review, 2017-08 This new handbook offers proven techniques for scoring higher on the AP Computer Science Exam from the world's best test prep company Includes a detailed outline of topics most likely to appear on the test

**Java Software**

**Structures for AP Computer Science AB** John Lewis, Joe Chase, William Loftus, Leigh Ann Sudol, 2005      **AP® Computer Science Principles Crash Course, 2nd Ed., Book + Online** Jacqueline Corricelli, 2021-03-05 AP Computer Science Principles Crash Course Fully Revised and Updated 2nd Edition for the Current 2025 2026 Exam A Higher Score in Less Time At REA we invented the quick review study guide for today's 2025 2026 AP digital exams A decade later REA's Crash Course remains the top choice for AP students who want to make the most of their study time and earn a high score Here's why more AP teachers and students turn to REA's AP Computer Science Principles Crash Course Targeted Review Study Only What You Need to Know REA's all new 2nd edition addresses all the latest test revisions Our Crash Course is based on an in depth analysis of the current AP Computer Science Principles Course and Exam Description and sample AP test questions We cover only the information tested on the digital exam so you can make the most of your valuable study time Expert Test taking Strategies and Advice Written by a veteran AP Computer Science teacher the book gives you the topics and critical context that will matter most on exam day Crash Course relies on the author's extensive analysis of the test's structure and content By following his advice you can boost your score Realistic Practice Questions a mini test in the book a full length exam online Are you ready for your digital exam Try our focused practice set inside the book Then go online to take our full length practice exam You'll get the benefits of timed testing detailed answers and automatic scoring that pinpoints your performance based on the official AP exam topics so you'll be confident on test day When it's crucial crunch time and your Advanced Placement exam is just around the corner turn to REA's Crash Course for AP Computer Science Principles      [AP® Computer Science Principles Crash Course](#) Jacqueline Corricelli, 2018-01-04 AP Computer Science Principles Crash Course A Higher Score in Less Time REA's AP Computer Science Principles Crash Course is the top choice for the last minute studier or any Computer Science Principles student who wants a quick refresher on the course Are you crunched for time Have you started studying for your Advanced Placement Computer Science Principles exam yet How will you memorize everything you need to know before the test Do you wish there was a fast and easy way to study for the exam AND boost your score If this sounds like you don't panic REA's Crash Course for AP Computer Science Principles is just what you need Our Crash Course gives you Targeted Review Study Only What You Need to Know The review is based on an in depth analysis of the AP Computer Science Principles course description outline and sample AP test questions It covers only the information tested on the exam so you can make the most of your valuable study time Expert Test taking Strategies and Advice Written by Jacqueline Corricelli an award winning AP Computer Science Principles teacher and test development expert the book gives you the topics and critical context that will matter most on exam day Crash Course relies on the author's extensive analysis of the test's structure and content By following her advice you can boost your score REA's Online Practice Exam Are you ready for your exam Take REA's practice exam and find out You'll get the benefits of timed testing detailed explanations of answers and automatic scoring analysis Our practice exam is balanced to include every topic and

type of question found on the actual AP exam so you'll be confident on test day Whether you're cramming for the exam or reinforcing what you learn as you go through the course this is the study guide every AP Computer Science Principles student must have

**How to Prepare for the AP Computer Science Exam** Roselyn Teukolsky,2003-08-01 This new Java edition of the AP Computer Science manual presents four full length AP Computer Science practice exams with questions answered and explained Two are A exams two are AB exams and all four are modeled on the actual exam A general subject review covers all topics tested on the exam including Java language features classes and objects inheritance and polymorphism program design and analysis one and two dimensional arrays recursion linked lists stacks queues and priority queues trees collections and sorting and searching A final chapter describes the Marine Biology Simulation Case Study

**AP Computer Science A Premium, 2024: 6 Practice Tests + Comprehensive Review + Online Practice** Roselyn Teukolsky,2023-07-04 A preparation guide for the computer advanced placement test includes subject reviews six full length practice tests with detailed answer explanations test taking strategies and online study resources

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*Edition* Julie Sway, 2020-09-25 MATCHES THE LATEST EXAM In this hybrid year let us supplement your AP classroom experience with this easy to follow study guide The immensely popular 5 Steps to a 5 AP Computer Science Principles Second Edition guide has been updated for the 2020 21 school year and now contains 3 full length practice exams that reflect the latest exam Up to Date Resources for COVID 19 Exam Disruption Comprehensive overview of the AP Computer Science Principles exam format AP scoring guideline for the free response section of the practice exams Two full sections devoted to algorithm writing and two levels of sample questions for each Java concept basic advanced Clear and complete explanations for all multiple choice questions free response problems as well as the Java code solutions Demonstrations of the multiple ways to solve problems by providing alternate solutions to many free response questions Specific common errors section for each free response question as well as driver code programs for selected free response questions **AP Computer Science** Kathleen A. Larson, David Levine, 2005 Boxed quotes offering advice from students who have aced the exams and from AP teachers and college professors

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