

# Java Software Solutions For Ap Computer Science A

## 2nd Edition

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computer science is the world s fastest growing field of study and this growth is showing no signs of slowing down as a new field computer science can seem intimidating but it should not be scary to learn or difficult to understand if you have ever turned on a phone or surfed the internet then you have used a computer and should have a basic understanding of what happens when you click the mouse or touch the screen and how fast it happens computer science principles introduces the creative side of computing once you ve made your way through this book you ll be editing photos designing websites coding javascript and getting organized with spreadsheets and along the way you ll learn the foundational concepts of computer science how do computers convert information into ones and zeros and send it thousands of miles in a blink of the eye what is an ip address what do tcp ip dns html and css stand for how can a hard drive store large movies and thousands of songs how can secrets be sent in plain sight these questions and more are answered in computer science principles

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

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