

AP Computer Science



mr Hanley



Assignment 6/110₂/6₈/6₁₆

Binary

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Ones Comp

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Twos Comp

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Computer Quiz



Making a computer science knowledge quiz

You want to make a cool multiple choice quiz in java. You find out that your instructor has, but you know you can improve upon it!!

* Dynamic Memory * Big O Notation * Stacks * Extreme Programming * Selection Sort * Insertion Sort * Waterfall Model

String * Arrays * ArrayList * Client Server * Artificial Intelligence * Inheritance * Files * Video Games * Short circuit evaluation *

Modify the ComputeQuiz.java and Question.java files as necessary to make a 10 question quiz based on the material from ap cs so far. (See your instructor for topics)

Also, randomize the questions so they are asked in a pseudo random fashion without repeats. **NOTE: You are not allowed to use Collections.scramble to do this!**

You must give at least 4 serious options for multiple choice. You are allowed up to 5 true/false questions for your quiz.

Project Name	Assign 6 – Computer Quiz
Class 1 Name	JavaQuizApp
Class 2 Name	QuestionList
Class 3 Name	JavaQuizFrame
Text File	java quiz 1.txt

Rubric	
10 questions, works correctly	25
Random order of questions	20
Gives score	10
Forces user to answer questions	15
TOTAL	70

*Recursion*Linear Search*Binary Search*Grid World Case Study*File Processing *nlogn*Hangman*