

CSCI2600 Quiz 7

Aaron Taylor

TOTAL POINTS

9 / 10

QUESTION 1

1 a,b,c,d,e **9 / 10**

- **0** Correct
 - **2** Question a completely wrong
 - **1** **Question a partially correct**
 - **2** Question b completely wrong
 - **1** Question b partially correct
 - **2** Question c completely wrong
 - **1** Question c partially correct
 - **2** Question d completely wrong
 - **1** Question d partially correct
 - **2** Question e completely wrong
 - **1** question e partially correct
 - **0** Click here to replace this description.
- 💬 Question a, increased maintainability, testability and the ability to reuse code

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Principles of Software Quiz 7

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10 points total

Question 1. (10 points, 2 points each) Give short answers (one or two sentences) to the following questions about refactoring.

a) What is a reason for refactoring programs?

The point is to restructure the body of code in the program. It alters internal structures of a program without affecting the external behavior.

b) When should a method be split up into sub methods?

If a method is oversized, ~~is~~ is repeated, is a repeat of other methods, or uses no polymorphism, it should be split up.

c) When should a local variable become a query method?

It should be replaced by a query if it hinders readability.

d) What can be done with complex case statements?

They can replace conditional statements with polymorphism.

e) What is meant by pulling up a method?

- It is a refactoring method that involves moving similar subclass methods to a relevant superclass.