Principles of Software Quiz 6

Nov. 1, 2018

10 points total

Question 1. (8 points) Given this hierarchy with classes X, Y, and Z:
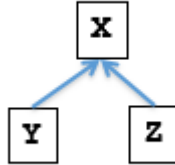
What are valid instantiations of generics. One example is given.

class A <T extends X >{} ?
A <Y >

class A <T extends Z >{} ?

class A <T super Z >{} ?

class A <T super X >{} ?

Question 2. (2pts) Which of the following is correct about Factory design patterns?

A This type of design pattern falls under creational patterns.
B The Factory pattern allows us to create objects without explicitly using the **new** operator.
C The Factory pattern allows for the creation of subtypes.
D All of the above.