**Singleton Questions**

1. The general purpose of the Singleton pattern is to:
2. Ensure that no more than one instance of a class exists.
3. Ensure that only one instance of a class exists at the same time.
4. Separate objects in a single class from objects in another class.
5. Control creation of objects in a single class or another class.

Ans: a

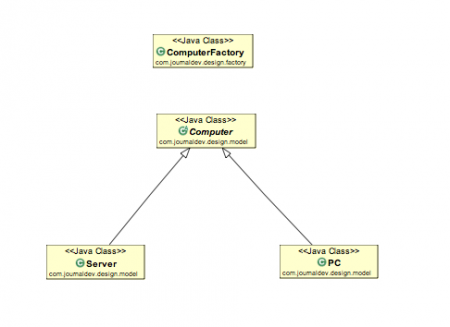
1. Which of the following is true about Singleton class?
2. The class has only a single member method.
3. The class has only a single field.
4. The class should have exactly one instance.
5. The class cannot be sub-classed.

Ans: c

1. Implement three Singleton classes in Java.
   1. Using eager initialization
   2. Using lazy initialization
   3. Thread safe version

github: https://github.com/ankurqa/designprinciples

1. Implement the Factory using the given class diagram, in JAVA:



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