**Programming Assignment 5-1**

1. **How do you prevent users of your class from creating multiple instances? Why can't they just invoke the constructor of your class multiple times?**

Making the constructor private. Creating one object of the class and returning always the same object.

1. **If two clients attempt to access an instance of your class, how can you guarantee they will get the same instance?**

Making the constructor private, we have to create a static method to get the instance. Inside this method the instance has to be validated to return always the same.

1. **How can you test your class to prove that it really is a Singleton?**

We can test the singleton class printing the hashCode of every object created. The hash code is an integer value that is associated with each object in Java. If all the objects have the same hashCode, it means they are the same object.