

CSCI-101 Programming II

Quiz 5

Name _____

1. Write a class named **Widget** that satisfies the following.
 1. The class has a field named **uid** (unique ID) that holds an integer.
 2. The class has a constructor that sets the class' **uid** field equal to the value passed into the constructor.
 3. The class overrides **toString** which returns a string containing the unique ID.
 4. The class overrides **equals**. Equals returns true if the object that is passed to the method has the same **uid** as this' uid; otherwise returns false.
 5. The class implements the **Comparable** interface. Widgets are ordered according to their **uid**, from lowest to highest.