1. (2 pts) Suppose that we have the declaration
   ```java
   public class A extends B implements Comparable, Sortable.
   ```
   Name at least four “is a” relationships that exist based on this declaration.

2. (2 pts) An interface which contains no abstract method definitions but acts as an indication that a class has a certain capability is called a ____________________, an example of which is ____________________ which allows us to make an exact copy of an object which occupies its own space in memory.

3. (2 pts) True/False ____________________ Polymorphism refers to the ability to create new classes based on existing class definitions. If false, explain.

4. (2 pts) What will be printed by the following code?
   ```java
   public class Test {
       public static void removeRest(String s, int i) {
           String temp = s.substring(i);
           s = temp;
       }
       public static void main(String[] args) {
           String s = "Hello";
           removeRest(s,1);
           System.out.println(s);
       }
   }
   ```

5. (2 pts) What is printed by the following code?
   ```java
   String s = "Hello";
   String t = s + s.substring(1) + s.substring(2,5) + s.charAt(1) + s.length() + 2;
   System.out.println(t);
   ```