**ICS 102 – Introduction to Computing**

**Spring Semester 152**

**Quiz # 4 Key**

**ID: Name:**

Show the output lines for each of the following programs:

|  |  |
| --- | --- |
| Program | Output |
| **public class Quiz4Q1****{** **public static void main(String[] args)** **{** **double x = 10.0;**  **modify(x);** **System.out.println(x);**  **}** **public static void modify(double y)** **{** **y /= 2.0;** **}****}** | **10.0** |
| **public class Quiz4Q2****{** **public static void main(String[] args)** **{** **String s = "ICS";** **modify(s);** **System.out.println(s);** **}** **public static void modify(String st)** **{** **st = "SWE";** **}****}** | **ICS** |
| **public class Quiz4Q3****{** **public static void main(String[] args)** **{** **Circle c = new Circle(10);** **modify(c);** **System.out.println(c.getRadius());** **}** **public static void modify(Circle c)** **{** **c = new Circle(20);** **}****}** | **10.0** |
| **public class Quiz4Q4****{** **public static void main(String[] args)** **{** **Circle c = new Circle(10);** **modify(c);** **System.out.println(c.getRadius());** **}** **public static void modify(Circle c)** **{** **c.setRadius(20);** **}****}** | **20.0** |