**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** |