**Name:**

# for Loops

1. Determine the exact output for the following code segment:

**for (int i = 1; i <= 5; i++) {**

**System.out.println("Outer loop iteration " + i);**

**for (int j = 1; j <=2; j++) {**

**System.out.println("i = " + i + "; j = " + j);**

**}**

**}**

2. Determine the exact output for the following code segment:

**int i = 1;**

**while (i <= 5) {**

**System.out.println("Outer loop iteration " + i);**

**for (int j = 1; j <= 2; j++) {**

**System.out.println("i = " + i + "; j = " + j);**

**}**

**i++;**

**}**

3. Determine the exact output for the following code segment:

**int rows = 5;**

**for(int i = 1; i <= rows; ++i)**

**{**

**for(int j = 1; j <= i; ++j)**

**{**

**System.out.print(j + " ");**

**}**

**System.out.println("");**

**}**

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