

# Chapter 5 WS 5 More for Loops

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Pts: 10

Name \_\_\_\_\_

class hour \_\_\_\_\_

Answer the following showing the memory simulation:

1) What is the output of the following code fragment? (2 pts) 1) \_\_\_\_\_

```
int limit, count;
limit = 8;
System.out.print("GR");
for (count = 10; count <= limit; count++)
    System.out.print("E");
System.out.print("NLEE");
```

MEMORY:  
count      limit

2) What is the output of the following code fragment? (2 pts) 2) \_\_\_\_\_

```
int limit, count;
limit = 10;
System.out.print("GR");
for (count = 8; count <= limit; count++)
    System.out.print("E");
System.out.print("NLEE");
```

MEMORY:  
count      limit

3) What is the output of the following code fragment? (2 pts) 3) \_\_\_\_\_

```
int total = 0;
int count = 2;
for ( ; count <= 5; count++)
    total = total + 2 * count;
System.out.print(total);
```

MEMORY:  
count      total

4) What is the output of the following code fragment? (2 pts) 4) \_\_\_\_\_

```
for (int count = 1; count > 4; count++)
    System.out.print(count + " ");
System.out.println("End");
```

MEMORY:  
count

5) Write the output of the following code fragment. (2 pts)

```
System.out.print("Hello ");
for (int count = 1; count <= 3; count++); // Note the semicolon!
    System.out.print("Hi ");
System.out.print("Bye");
```

MEMORY:  
count

5) \_\_\_\_\_