for Loop Test 1

1. Look at the following code segment.

for (int j = 0; /\* condition \*/ ; /\* increment \*/)  
 {  
 System.out.println("Computers are fun!");  
 }  
  
Which of the following replaces /\* condition \*/ and /\* increment \*/ so that the loop executes the println statement 20 times?

1. j < 20 j++
2. j <= 20 j++
3. j < 20 j+1
4. j <= 20 j+1
5. How many times is the println statement executed in the following code?

for (int i = 1; i <= 10; i+=2)  
 {  
 System.out.println("Howdy!");  
 }

1. 5
2. 10
3. 6
4. 11
5. How many times is the println statement executed in the following code?

int start = 10;  
for (int x = start-1; x >= 0; x--)  
{  
 System.out.println("Good Grief!");  
}

1. 9
2. 10
3. 11
4. None, there is an error

1. What is output by the following code segment?  
     
    for (int j = 0; j < 5; j++)  
    {  
    System.out.print(j + " ");  
    }  
    System.out.println();
2. 0
3. 5
4. 0 1 2 3 4 5
5. 0 1 2 3 4
6. What is output by the following code segment?

int count = 0;  
 for (int j = 1; j <= 10; j++)  
 {

if (j % 2 == 0) // if j is even  
 count++;  
 }  
 System.out.println(count);

1. 0
2. 2
3. 5
4. 10
5. What is output by the following code segment?

String str = "cowboy";

String str2 = "";  
 for (int j = 0; j < str.length()/2; j++)  
 {

str2 += str.substring(j, j+1);  
 }  
 System.out.println(str2);

1. cow
2. boy
3. coy
4. cowboy