

1. How many times will the loop output "Hello"?

```
for (int i = 1; i <= 5; i++) {  
    System.out.println("Hello");  
}
```

0 times

3 times

4 times

5 times

6 times

2. How many times will the loop output "Hello"?

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3. What condition would cause the loop statements to execute 4 times?

```
int countDown = 4;  
while ( condition ) {  
    System.out.println("Hello");  
    countDown = countDown - 1;  
}
```

countDown == 0

countDown > 0

countDown > 1

countDown < 4

countDown <= 4

4. What condition would cause the loop statements to execute 4 times?

```
int i = 0;
while ( condition ) {
    System.out.println("Hello");
    i = i + 1;
}
```

5. What statement can be used in place of the break statement that would not change how the program behaves?

```
for (int i = 0; i < 10; i++) {  
    System.out.println("Enter a positive integer: ");  
    num = scnr.nextInt();  
    if (num <= 0) {  
        break;  
    }  
}
```

```
i = 0;  
  
i = 10;  
  
num = -1;  
  
num = 0;  
  
num = 3;
```

6. What is the output from the following program?

```
int x = 7;  
do {  
    x = x - 2;  
    System.out.print(x + " ");  
} while (x < 0);
```