



## Peer Instruction 4 Control Loops

0



What value is printed for the loop variable when the code shown below runs?

```
int loop = 0;
while (loop <= 10) {
    loop++;
    System.out.println(loop);
}
```

- A. 0 to 9
- B. 0 to 10
- C. 1 to 10
- D. 1 to 11
- E. Will not compile!

1



What value is printed for the loop variable when the code shown below runs?

```
int loop = 0;
while (loop <= 10) {
    loop++;
    System.out.println(loop);
}
```

- A. 0 to 9
- B. 0 to 10
- C. 1 to 10
- D. 1 to 11
- E. Will not compile!

2



What value is printed for the loop variable when the code shown below runs?

```
int loop = 0;
while (loop <= 10) {
    loop++;
}
System.out.println(loop);
```

- A. 9
- B. 10
- C. 11
- D. 12
- E. Will not compile!

3



What value is printed for the loop variable when the code shown below runs?

```
int loop = 0;
while (loop <= 10) {
    loop++;
}
System.out.println(loop);
```

- A. 9
- B. 10
- C. 11
- D. 12
- E. Will not compile!

4



How many times will the body of the 'do while' loop execute?

```
byte loop = -1;
do {
    loop++;
} while (loop < 0);
```

- A. 0 times
- B. 1 time
- C. 2 times
- D. 128 times
- E. Infinite loop!

5



How many times will the body of the 'do while' loop execute?

```
byte loop = -1;
do {
    loop++;
} while (loop < 0);
```

- A. 0 times
- B. **1 time**
- C. 2 times
- D. 128 times
- E. Infinite loop!

Do While Loops



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Question - 6



6



How many times will the body of the 'do while' loop execute?

```
byte loop = 0;
do {
    loop++;
} while (loop > 0);
```

- A. 0 times
- B. **1 time**
- C. 2 times
- D. 128 times
- E. Infinite loop!

Do While Loops



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Question - 7



7



How many times will the body of the 'do while' loop execute?

```
byte loop = 0;
do {
    loop++;
} while (loop > 0);
```

- A. 0 times
- B. 1 time
- C. 2 times
- D. **128 times**
- E. Infinite loop!

Do While Loops



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Question - 8



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