Module 4 quiz on FOR loops

Quiz, 8 questions

8/8 points (100.00%)



Congratulations! You passed!

Next Item



1/1 point

1

Given the following loop:

```
1 for (int i = 1; i < 5; i = i+1) {
2    out.println("Hello world!");
3 }</pre>
```

How many lines of output will be printed?

- 0
- 0

4

Correct

- 5
- 6
- infinitely many



1/1 point

2

Given the following loop:

```
1 for (int i = 5; i >= 0; i--) {
2    out.println("Hello world!");
3 }
```

How many lines of output will be printed?



0	
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8/8 points (100.00%)

5

 \bigcirc

Correct

infinitely many



1/1 point

3.

Given the following loop:

```
1 for (int i = 1; i <= 5; i++) {
2    for (i = 1; i <= 3; i++) {
3        out.println("Hello world!");
4    }
5 }</pre>
```

How many lines of output will be printed?

0

0 4

6

infinitely many

Correct



1/1 point

4.

Given the following loop:

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Quiz, 8 questiofres (int i = 1; i <= 5; i++) {
2 for (int j = 1; j < i; j++) {
3 out.println("Hello world!");
4 }
5 }

8/8 points (100.00%)

How many lines of output will be printed?

- 0
- 5
- 0 10

Correct

- 15
- infinitely many



1/1 point

5.

Fill in the blank of the following loop so that 10 lines of output are printed:

```
1 for (int i = ____; i <= 15; i++) {
2    out.println("Hello world!");
3  }</pre>
```

Preview

6



Correct Response

Your answer, 6, is equivalent to the instructor's answer 6.

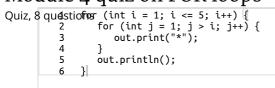


1/1 point

6.

Given the following loop:

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Module 2	4 quiz o	n FOR	loops	



8/8 points (100.00%)

How many stars will be printed in total?



0

Correct

ı	-
	1

10





1/1 point

infinitely many

7.

Given the following loop:

```
1 for (int i = 1; i <= 8; i++) {
2   out.print(_____ + " ");
3 }
```

What expression would you put in the print statement to produce the following sequence as output:

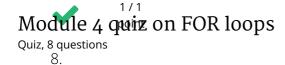
```
1 5 13 21 29 37 45 53 61
```

Please specify your answer in the form: a*i+b or a*i-b, where a & b are replaced by integer constants. For example, a correctly specified answer would look like this: 5*i-8 or this: -4*i+6

Do not use parentheses or spaces in your answer.



Correct Response



8/8 points (100.00%)

Fill in the blank of the following loops so that the following pattern is printed:

```
1 *******
2 ******
3 ****
4 ***
5 *
6
```

```
1  for (int i = 1; i <= 5; i++) {
2     for (int j = 1; j <= i-1; j++) {
3         out.print(" ");
4     }
5     for (int j = 1; j <= _____; j++) {
6         out.print("*");
7     }
8     out.println();
9  }</pre>
```

Please specify your answer in the form: a*i+b or a*i-b, where a & b are replaced by integer constants. For example, a correctly specified answer would look like this: 5*i-8 or this: -4*i+6

Do not use parentheses or spaces in your answer.

-2*i+11

Correct Response

