



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

Module 4 quiz on FOR loops

LATEST SUBMISSION GRADE

100%

1. Given the following loop:

1 / 1 point

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

How many lines of output will be printed?

- 0
- 4
- 5



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

2. Given the following loop:

1 / 1 point

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

How many lines of output will be printed?

- 0
- 4
- 5
- 6
- infinitely many

Correct



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

3. Given the following loop:

1 / 1 point

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

How many lines of output will be printed?

- 0
- 4
- 5
- 6
- infinitely many

Correct



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

4. Given the following loop:

1 / 1 point

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

How many lines of output will be printed?

- 0
- 5
- 10
- 15
- infinitely many

Correct



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

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

1 / 1 point

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

6

6

Correct

6. Given the following loop:

1 / 1 point

```
1  for (int i = 1; i <= 5; i++) {  
2      for (int j = 1; j > i; j++) {  
3          out.print("*");  
4      }  
5      out.println();  
6  }
```



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

6. Given the following loop:

1 / 1 point

```
1  for (int i = 1; i <= 5; i++) {  
2      for (int j = 1; j > i; j++) {  
3          out.print("*");  
4      }  
5      out.println();  
6  }
```

How many stars will be printed in total?

- 0
- 5
- 10
- 15
- infinitely many

Correct



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

7. Given the following loop:

1 / 1 point

```
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  12 13 14 15 16 17 18 19
```

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.

```
1*i+11
```

✓ Correct



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

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

1 / 1 point

```
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  }
```



Module 4 quiz on FOR loops

Graded Quiz • 30 min

Due Mar 22, 12:29 PM IST

```
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  }
```

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