M5: Quiz 5

Due Feb 15 at 11:59pm

Points 30

Questions 10

Time Limit 12 Minutes

This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	12 minutes	12 out of 30

Score for this quiz: **12** out of 30 Submitted Feb 15 at 9:25pm This attempt took 12 minutes.

```
Question 1 3 / 3 pts
```

In the code above, how many times will the body of the while loop be executed when example (0, 5) is called?

- 0
- 2
- 4

Correct!

- 5
- Infinite loop

Question 2

3 / 3 pts

```
public void example(int x, int y) {
    while (x < 5) {
        if (x == y || x == 1) {
            y++;
        }
        else if (x == y && y == 1) {
            y += x;
        }
        else {
            y--;
        }
        x++;
    }
    System.out.println(x + "--" + y);
}</pre>
```

In the code above (repeated from the previous question), how many times will the body of the \mathtt{while} loop be executed when

```
example (-1, -1) is called?
```

0 / 3 pts

0 1 5 5 6 Infinite loop

Correct!

```
public void example(int x, int y) {
  while (x < 5) {
    if (x == y || x == 1) {
        y++;
    }
    else if (x == y && y == 1) {
        y += x;
    }
}</pre>
```

else {

}

y--;

x++;
}
System.out.println(x + "--" + y);
}

In the code above (repeated from the previous question), how many times will the body of the while loop be executed when example (5, 5) is called?

rrect Answer

0

Question 3

0 1

5

6

u Answered

Infinite loop

Question 4

0 / 3 pts

```
public void example(int x, int y) {
    while (x < 5) {
        if (x == y || x == 1) {
            y++;
        }
        else if (x == y && y == 1) {
            y += x;
        }
        else {
            y--;
        }
        x++;
    }
    System.out.println(x + "--" + y);
}</pre>
```

In the code above (repeated from the previous question), what is printed after the while loop terminates when example(0, 4) is called?

rrect Answer

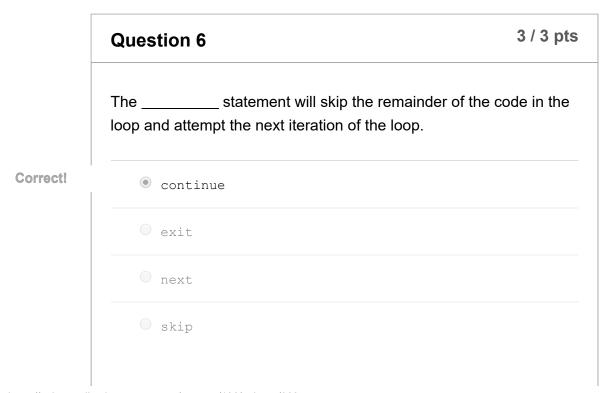
5--5

4--4

4--0

0--0 u Answered Nothing (Infinite loop)

3 / 3 pts **Question 5** The _____statement will skip the remainder of the code in the loop and exit the loop. continue exit next skip Correct! break



break

```
0 / 3 pts
            Question 7
              public int compare() {
                 String firstShape = "Circle";
                 String secondShape = "Square";
                 return firstShape.compareTo(secondShape);
              }
            In the code above, does the method compare () return?
u Answered
               a positive number greater than 1
rrect Answer
               a negative number less than -1
               1
               -1
               0
```

```
Question 8 0 / 3 pts
```

```
ArrayList<String> shapes = new ArrayList<String>();
             shapes.add("Circle");
             shapes.add("Square");
             shapes.add("Triangle");
             int before = shapes.indexOf("Square");
             shapes.remove(1);
             int allShapes = shapes.size();
             int after = shapes.indexOf("Circle");
            In the code above (repeated from the previous question), what is the
            value of before? Assume all proper imports have been made.
               0
rrect Answer
               0 1
               2
               3
u Answered
                none of the above
```

```
Question 9 0 / 3 pts
```

```
ArrayList<String> shapes = new ArrayList<String>();
shapes.add("Circle");
shapes.add("Square");
shapes.add("Triangle");
int before = shapes.indexOf("Square");
shapes.remove(1);
int allShapes = shapes.size();
int after = shapes.indexOf("Circle");
```

In the code above (repeated from the previous question), what is the value of allShapes? Assume all proper imports have been made.

	·
	0
	O 1
rrect Answer	O 2
	© 3
u Answered	none of the above

	Question 10 0 / 3 pts	
	<pre>ArrayList<string> shapes = new ArrayList<string>(); shapes.add("Circle"); shapes.add("Square"); shapes.add("Triangle"); int before = shapes.indexOf("Square"); shapes.remove(1); int allShapes = shapes.size(); int after = shapes.indexOf("Circle");</string></string></pre> In the code above (repeated from the previous question), what is the value of after? Assume all proper imports have been made.	
rrect Answer	O 0	
	1	
	O 2	
	© 3	
u Answered	none of the above	

Quiz Score: 12 out of 30