<u>Dashboard</u> / My courses / <u>2023-02-BE</u> / <u>Week 2: Conditions and Loops</u> / <u>Week 2: Quiz</u>

Started on Saturday, March 18, 2023, 12:32 PM

State Finished

Completed on Saturday, March 18, 2023, 1:27 PM

Time taken 55 mins 7 secs

Points 48.00/50.00

Grade 2.88 out of 3.00 (**96**%)

Correct

5.00 points out of 5.00

Drag the correct answers into the following code that will set the value of *letterGrade* to the appropriate letter depending on the value of *numericGrade* based on the scale below:

Hints:

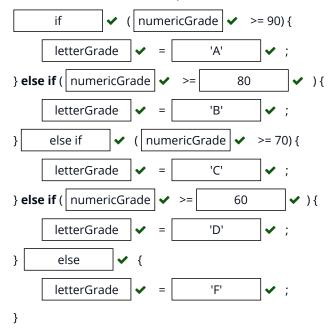
- We use a series of *if / else* conditional statements to solve this problem.
- Some of the choices will **not** be used, and **two** are used more than once.

Scale

letterGrade	numericGrade
Α	90 and above
В	80 to 89
C	70 to 79
D	60 to 69
F	59 or lower

// Initialize the two variables.

// Set the letterGrade variable, based on the numericGrade



System.**out**.println("The letter Grade for a "

```
+ numericGrade + " is a " + letterGrade + ".");
```

70letterGradenumericGrade90

Question 2

Correct

5.00 points out of 5.00

```
true && true evaluates to true .

true && false evaluates to false .

false && false evaluates to false .

true || true evaluates to true .

true || false evaluates to true .

false || false evaluates to false .

true || false evaluates to false .
```

Question 3

Partially correct

3.00 points out of 5.00

Question 4	
Correct	
5.00 points out of 5.00	
Match the types of loops with the description that best describes each loop.	
Will always iterate at least once because the condition is checked after each iteration.	Do While Loop
will always iterate at least office because the condition is checked after each iteration.	~
Has three sections in the declaration within the parentheses - the initialization, the condition, and the post-iteration.	For Loop
	~
	While Loop
Defines a boolean expression that, if evaluates to true, will cause the loop to perform an iteration.	✓
Question 5	
Correct	
5.00 points out of 5.00	
A for loop is typically used when you know how many iterations you want to perform.	
Select one:	
○False	

Correct

5.00 points out of 5.00

Drag the correct answers (Java code) into the following **for loop** that iterates 100 times, from 0 to 99, and prints out **every odd number** to the console.

For example, the console output should start as follows:

1

3

5

etc.

Note: Some of the choices will be used more than once.

Correct

5.00 points out of 5.00

What does the following code print to the console? public static void main(String[] args) { double moneyInWallet = 4.50; double costOfMilk = 1.99; if (moneyInWallet >= costOfMilk * 2) { System.out.println("Let's buy two gallons."); } else if (moneyInWallet >= costOfMilk) { System.out.println("Let's buy one gallon."); } else { System.out.println("Way too expensive!"); } } Select one: a. Let's buy two gallons. b. Way too expensive! c. Let's buy one gallon. d. Does not compile.

Correct

5.00 points out of 5.00

```
What will the following code print?
public static void main(String[] args) {
 String name = "Tommy";
 int age = 52;
 if (name == "Tommy") {
  System.out.println("Hi, Tommy!");
 } else if (age == 52) {
  System.out.println("52 years old.");
 }
 System.out.println("Out of conditional.");
}
Select one:
 a. Hi, Tommy!
 o b. Hi, Tommy!
       52 years old.
       Out of conditional.
 c. Throws an exception.
 d. Hi, Tommy!
       Out of conditional.
 e. 52 years old.
       Out of conditional.
```

Question 9

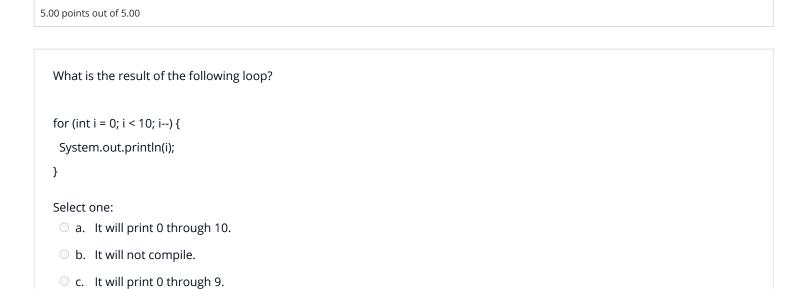
Correct

5.00 points out of 5.00

Drag the correct answers (Java code) into the following **for loop** to allow the result to print 0 through 9 to the console:

for (int index = ✓ 0 ✓ ; index <= ✓ 9 ✓ ; index++ ✓) {

System.out.println(index ✓);
}



< Week 2: Career Services Submission -- Assignment 1.5 GitHub Profile

Jump to...

Question 10
Correct

Week 3: Weekly Curriculum & Videos >