Quiz7 - Results



Attempt 1 of 1

Written Jul 10, 2023 11:00 AM - Jul 10, 2023 11:06 AM

Attempt Score	10 / 10 - 100 %
Overall Grade (Highest Attempt)	10 / 10 - 100 %

Question 1 2 / 2 points

Choose the correct statement for line 8 of the following program so that it prints 7, when it is executed:

```
1 public class Example {
        static int x = 0;
 2
        public static void main(String[] args) {
 3 *
 4
            int x = 2;
            System.out.println(f1(x) + x);
 5
 6
        public static int f1(int num){
 7 -
 8
            for (int i = num; i > 0; i--)
 9
10
                 res += i;
11
            return res;
12
    }
13
```

- int res = x;
- nothing is needed. The program prints 7 as it is
- int res = num;
 - int res = Main.x;

Question 2 1 / 1 point

Which of the following statements is/are NOT correct?

/		Method	overloading	is used	when a	method	has	optional	arguments
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- Java provides method overloading for methods of the same name, but different parameter list and different return type.
- Java provides method overloading for methods of the same name, same parameter list, but different return type.
- Parameter lists considered equal if the number, name and type of parameters are equal.

Question 3 2 / 2 points

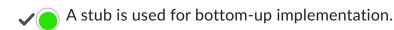
Analyze the following code:

- \bigcirc
- The code has syntax error, because in line 9, res is not initialized.
 - There is no syntax error, because method f1 is using global res which is already initialized in line 2.
 - There is run-time error.

Question 4 1 / 1 point

Which of the following statements is NOT correct?

- A stub is a simple and incomplete version of a lower-level function which can be used to test higher-level functions.
- Function is used for representing top-down design.



Question 5 2 / 2 points

What is the result of running System.out.println(fun(3)); having the following definition of fun method?



- There is a syntax error because calling fun() method is wrong in println method.
- \bigcirc 16
- \bigcirc 6

Question 6 2 / 2 points

Write a method header for max method, if you can call the method using the following statement:

System.out.printf("The maximum of %d and %d is %d", n1, n2, max(n1,n2));

Please avoid any unnecessary whitespaces.

Answer: public static int max(int n1, int n2) 🗸

Done