Quiz6 - Results   ✕

Attempt 1 of 1

Written Jun 26, 2023 11:45 AM - Jun 26, 2023 11:58 AM

Attempt Score	**7 / 10 - 70 %**
Overall Grade (Highest Attempt)	**7 / 10 - 70 %**

Question 1   **1 / 1 point**

Fill the blank in following program:

```
public class Test {
    public static void main(String[] args) {
        System.out.print("The grade is ");
        printGrade(78.5);

        System.out.print("The grade is ");
        printGrade(59.5);
    }

    public static _____ printGrade(double score) {
        if (score >= 90.0) {
            System.out.println('A');
        }
        else if (score >= 80.0) {
            System.out.println('B');
        }
        else if (score >= 70.0) {
            System.out.println('C');
        }
        else if (score >= 60.0) {
            System.out.println('D');
        }
        else {
```

```
        System.out.println('F');
      }
    }
  }
    ___void___ ✓
```

Question 2   1 / 1 point

Assume a java **method** (called printWords) which accepts a sentence (String object) and prints the words (separated by space) on different lines. For example if the sentence is "Hello, how are you?" the method should display:

Hello,
how
are
you?

Which of the following statement is/are NOT correct?

✓ 🟢 you can call the method like:

   printWords(String object);

✓ ⬜ The method has only one parameter

✓ ⬜ the return value of method is void

✓ ⬜ parameter list is : String object

Question 3   2 / 2 points

What is the output of the following code?

```java
public class Test {
    static int t = 0;
    public static void main(String[] args) {
        int t = 2;
        t = f1(t);
        System.out.println(t);
    }

    public static int f1(int x){
        System.out.println(t);
        return x++;
    }

}
```

○ *1*
   1

✓ 🟢 0
       2

○ 1
     2

○ program issues a syntax error

Question 4   2 / 2 points

Write the method header for a method named **getArea** that calculates and returns the area of a circle with an integer value as for its **radius**. Avoid unnecessary spaces in your answer. No need to write the whole method, just header is enough.

Answer: public static double getArea(int radius) ✔

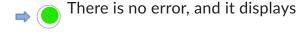## Question 5   0 / 2 points

Analyze the following code:

```
public class Test {
    static int times = 2;
    public static void main(String[] args) {
        System.out.println(times);
        nPrintln("Java");
        System.out.println(times);
    }

    public static void nPrintln(String message){
        for( ;times > 0; --times)
            System.out.println(message);
    }

}
```

○ There is a logical error

➡ 🟢 There is no error, and it displays

   2
   Java
   Java
   0

○ There is an error because there is no initializer of times in for loop

○ There is an error because times is not defined in nPrintln method

Question 6   1 / 1 point

Given the following method

```
public static void nPrint(String message, int n)
{
    while (n > 0)
    {
        System.out.print(message);
        n--;
    }
}
```

What is the output of the call nPrint('a', 4)?

○ aaa

○ aaaaa

○ aaaa

✓ ● invalid call

Question 7   0 / 1 point

The return statement in the following method causes compile errors?

```
public static void main(String[] args) {
    int max = 0;
    if (max != 0)
        System.out.println(max);
    else
        return;
}
```

✗ ○ True

➡ ● False

Done