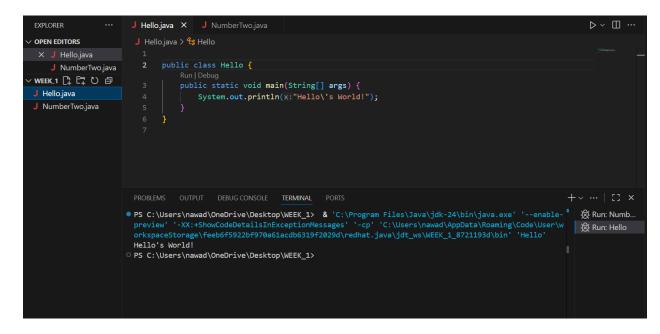
1. Write a program that prints **Hello World!** to the console. Save the program as Hello.java.

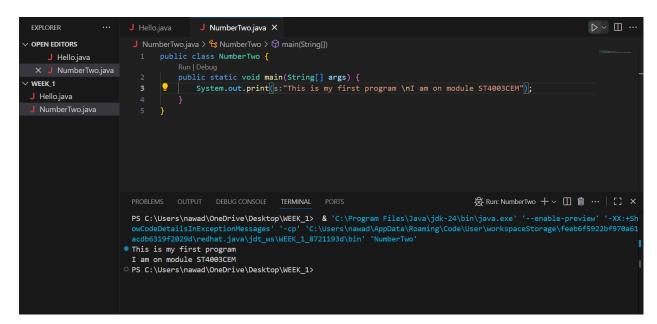


2. Extend/Modify the above program to print two additional lines:

This is my first program

I am on module ST4003CEM

System.out.print (**not** println) and produces the same output.



## 3. Write a program that prints the following output:

A "quoted" String is

'much' better if you learn

the rules of "escape sequences."

Also, "" represents an empty

String. Don't forget: use \"

instead of "!

" is not the same as "

```
▷ ~ □ …
EXPLORER
                                                                   J NumberThree.java ×
                          J NumberThree.java > ધ NumberThree
OPEN EDITORS
                          1 public class NumberThree {
    J NumberTwo.java
                                     public static void main(String[] args) {
 × J NumberThree.java
                                    System.out.println(x:"A \"quoted\" String is");
System.out.println(x:"'much' better if you learn");
                                       System.out.println(x:"the rules of \"escape sequences.\"");
System.out.println(x:"Also, \"\" represents an empty");
System.out.println(x:"String. Don't forget: use \\\"");
System.out.println(x:"instead of \" !");
J Hello.java
J NumberTwo.java
                                          System.out.println(x:"'' is not the same as \"");
                          PS C:\Users\nawad\OneDrive\Desktop\WEEK_1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-

    Run: Numb..

                          袋 Run: Numb...
                         • A "quoted" String is
                          'much' better if you learn
                          the rules of "escape sequences."
                          Also, "" represents an empty
                          String. Don't forget: use \'instead of "!
                           '' is not the same as "
                        OPS C:\Users\nawad\OneDrive\Desktop\WEEK_1>
```

## 4. WAP that prints the following pattern:

\*

\*\*

\*\*\*

\*\*\*\*

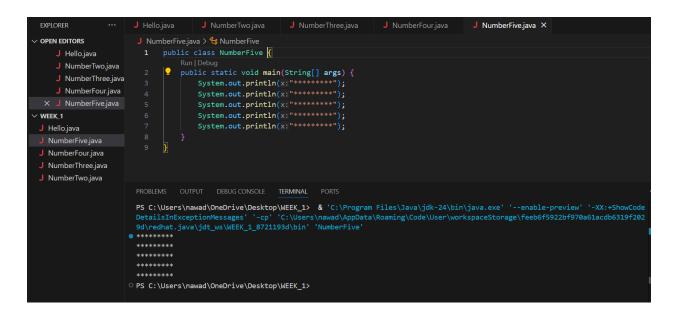
\*\*\*\*

## 5. WAP prints the following pattern:

```
********

*********

********
```



## 6. WAP that prints the following output:

A well-formed Java program has a main method with { and } braces.

A System.out.println statement has ( and ) and usually a String that starts and ends with a " character.

(But we type \" instead!)

What is the difference between

a ' and a "? Or between a " and a \"?

One is what we see when we're typing our program. The other is what appears on the "console."

```
DOLONG ... J Heliojava J NumberSicajava S NumberSicajava
```