

UNIVERSITY OF THE CORDILLERAS
College of Information Technology and Computer Science
CC1 – Computing Fundamentals
Term & School Year: Second Trimester S.Y. 2022-2023

Name: _____ Abenes, Enrico O. _____

Date: _____ May 15, 2023 _____

Course: _____ CC1-INTL1 _____

Schedule: 1: 30 pm - 5: 20 pm MT

Activity Number: **1**

Activity Type: Laboratory Activity

TITLE: My First Java Program

INSTRUCTIONS:

1. Make sure you have your own individual account/monitor.
2. Always save your work and log off when not using the computer.
3. By now you should have been familiarized with using your text editor/net beans.
4. By now you should know how to create, save, compile, execute, and debug programs in Java.

DURATION: One to two Meetings

HANDS-ON:

1. Log on using your own individual account. Use your own username and password.
2. Open your text editor/NetBeans.
3. Open your project folder CC1 INTL
3. Make a class name entitled FirstJava and save it.

*For those using online java programming you can still do that.

4. Write your first Java program by copying the source code written below.

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5. What would be the output written on the screen when you compile and execute it?



The screenshot shows a Java IDE with a file named 'Main.java'. The code is as follows:

```
1 /*Programmed by: Enrico Abenes
2   Title: PrelimActivity1.java
3   Date: May 15, 2023*/
4 public class PrelimActivity1 {
5     public static void main(String[] args) {
6         System.out.println("My First Java Program!");
7     }
8 }
```

Below the code editor is an 'Output' window. It shows the command 'java -cp /tmp/iu08VRMiJE PrelimActivity1' and the output 'My First Java Program!'. There is a 'Clear' button in the top right corner of the output window.

6. Modify your program by deleting the statement in the main() method block and replacing it with these statements:




```
System.out.println("My");
System.out.println("First");
System.out.println("Java");
System.out.println("Program");
System.out.println("!");

System.out.print("My");
System.out.print("First");
System.out.print("Java");
System.out.print("Program");
System.out.print("!");
```

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7. Save the program then compile and execute What would be the output written on the screen?

Main.java



```
1 ▾ /*Programmed by: Enrico Abenes
2   Title: PrelimActivity1.java
3   Date: May 15, 2023*/
4 ▾ public class PrelimActivity1 {
5 ▾     public static void main(String[] args) {
6         System.out.println("My");
7         System.out.println("First");
8         System.out.println("Java");
9         System.out.println("Program");
10        System.out.println("!");
11
12        System.out.print("My");
13        System.out.print("First");
14        System.out.print("Java");
15        System.out.print("Program");
16        System.out.print("!");
17    }
18 }
```

Output

Clear

```
java -cp /tmp/iu08VRMiJE PrelimActivity1
My
First
Java
Program
!
MyFirstJavaProgram!
```

8. Modify the program by deleting the statements by copying the code written below exactly as it is:

```
/*Programmed by: <Write your name here>
   Title: PrelimActivity1.java
   Date: <Write date here>*/
public class PrelimActivity1{
    public static void main(String[] args){
        System.out.println("My First Java Program!");
    }
}
```

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```
/*Programmed by: <Write your name here>
  Title: My Fist Java Program
  Date: <Write date here>*/
Public class PrelimActivity1{
    public static void main(String[] args){
        System.out.println("This")
        System.out.println("code")
        System.out.println("is")
        System.out.println("erroneous!")
        System.out.print("Debug it and make it");
        System.out.println("error free");
    }
}
```

9. Save and Compile the program.

10. What error would be displayed after compilation?

Output Clear

```
ERROR!
javac /tmp/iu08VRMiJE/PrelimActivity1.java
/tmp/iu08VRMiJE/PrelimActivity1.java:4: error: class, interface, or enum expected
Public class PrelimActivity1 {
^
/tmp/iu08VRMiJE/PrelimActivity1.java:6: error: ';' expected
    System.out.println("This")
    ^
/tmp/iu08VRMiJE/PrelimActivity1.java:7: error: ';' expected
    System.out.println("code")
    ^
/tmp/iu08VRMiJE/PrelimActivity1.java:8: error: ';' expected
    System.out.println("is")
    ^
/tmp/iu08VRMiJE/PrelimActivity1.java:9: error: ';' expected
    System.out.println("erroneous!")
    ^
5 errors
```

11. Correct the error; Save and Compile the program again.

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12. What would be displayed on the screen?

Output Clear

```
java -cp /tmp/cDkSsEWKwP PrelimActivity1
This
code
is
erroneous!
Debug it and make it
error free
```

13. Continue debugging the program until such time that there is no more error after compilation.

Copy the corrected code here:

Main.java Run

```
1 /*Programmed by: Enrico Abenes
2   Title: PrelimActivity1.java
3   Date: May 15, 2023*/
4 public class PrelimActivity1 {
5     public static void main(String[] args) {
6         System.out.println("This");
7         System.out.println("code");
8         System.out.println("is");
9         System.out.println("erroneous!");
10        System.out.println("Debug it and make it");
11        System.out.println("error free");
12    }
13 }
```

14. Execute the program.

15. What would be the output of the corrected program?

Output Clear

```
java -cp /tmp/cDkSsEWKwP PrelimActivity1
This
code
is
erroneous!
Debug it and make it
error free
```

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Rubrics:

Code Content	The source code submitted covers all the items specified in the activity and satisfactorily meets all these requirements. It also makes use of the specific features of Java specified in the activity.	20 pts
Code Function	The source code submitted works completely with no errors and provides the correct expected output when run.	20 pts
Code Syntax	The source code submitted has sound logic and follows proper syntax for Java, with no unnecessarily complicated code.	10 pts
Total		50 pts