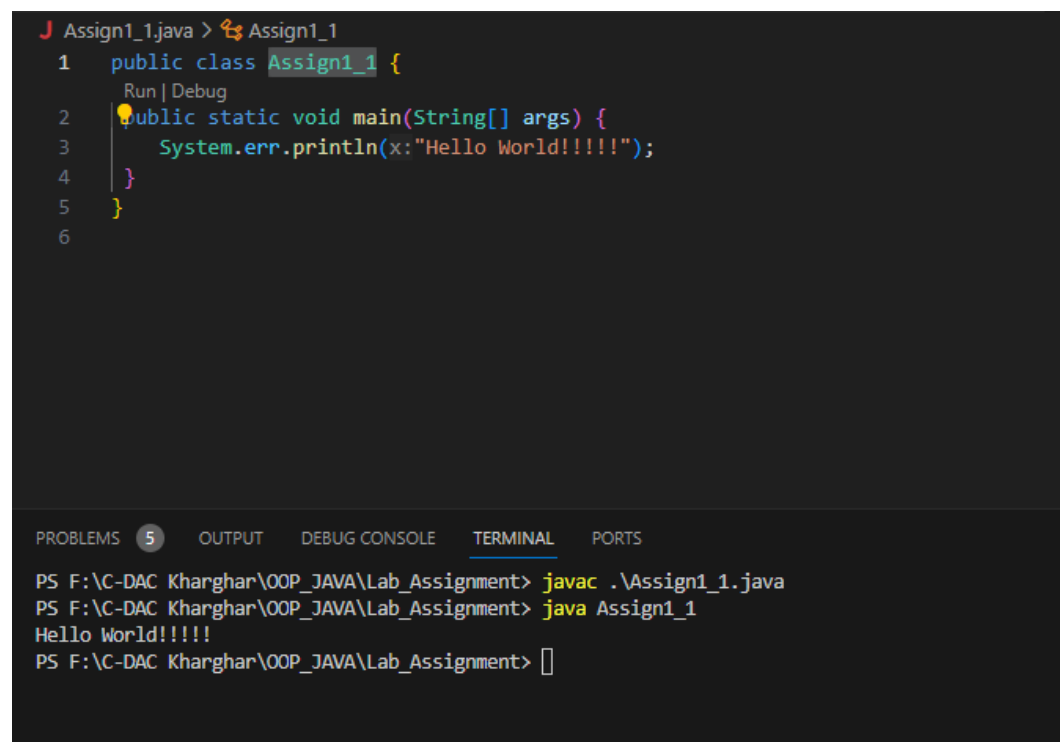Shraddha Sunil Jadhav

Center : Kharghar

Assignment No.1

6. Coding Assignments

1. **Hello World Program**: Write a Java program that prints "Hello World!!" to the console.
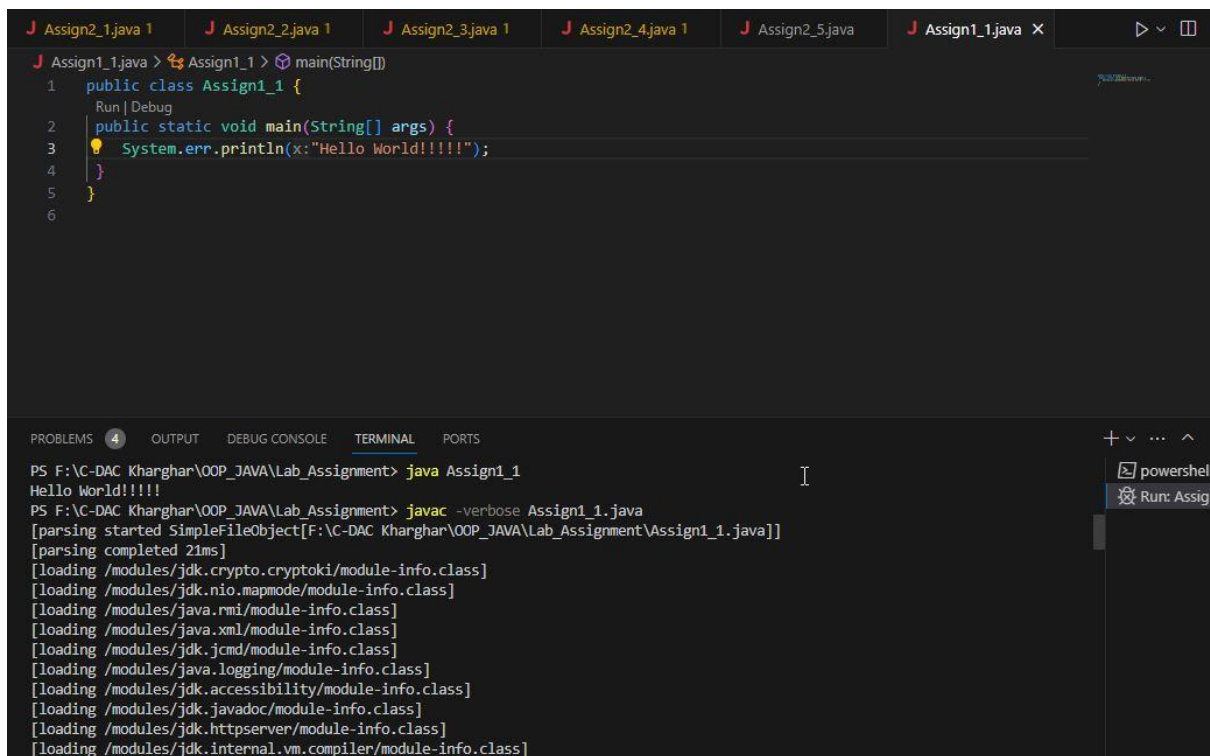
```
J Assign1_1.java > ★ Assign1_1
  1    public class Assign1_1 {
       Run | Debug
  2    public static void main(String[] args) {
  3        System.err.println(x:"Hello World!!!!!");
  4    }
  5    }
  6
```

```
PROBLEMS  5    OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

PS F:\C-DAC Kharghar\OOP_JAVA\Lab_Assignment> javac .\Assign1_1.java
PS F:\C-DAC Kharghar\OOP_JAVA\Lab_Assignment> java Assign1_1
Hello World!!!!!
PS F:\C-DAC Kharghar\OOP_JAVA\Lab_Assignment>
```

2. **Compile with Verbose Option**: Compile your Java file using the `-verbose` option with `javac`. Check the output.

3. **Inspect Bytecode**: Use the `javap` tool to examine the bytecode of the compiled `.class` file. Observe the output.

Assign1_1.java > Assign1_1 > main(String[])

```java
public class Assign1_1 {
    Run | Debug
    public static void main(String[] args) {
        System.err.println(x:"Hello World!!!!!");
    }
}
```

PROBLEMS 4   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS F:\C-DAC Kharghar\OOP_JAVA\Lab_Assignment> javap Assign1_1.class
Compiled from "Assign1_1.java"
public class Assign1_1 {
  public Assign1_1();
  public static void main(java.lang.String[]);
}
PS F:\C-DAC Kharghar\OOP_JAVA\Lab_Assignment>
```