DAY 1 Assignment

1.Difference between Compiler and Interpreter.

COMPLIER

- *It takes entire program as input at time.*
- *Compiler translates the whole program into machine code at once.*
- *Complier takes lots of time to analyze the source code.*
- *Compiler always generates an intermediate object code.*
- *The time taken to execute the code is faster.*
- *Compiler generates error message after scanning entire code.*
- *Complied language is difficult to debug.*
- *Compiled program does not need to compile every time.*
- *Examples: C, C++.*

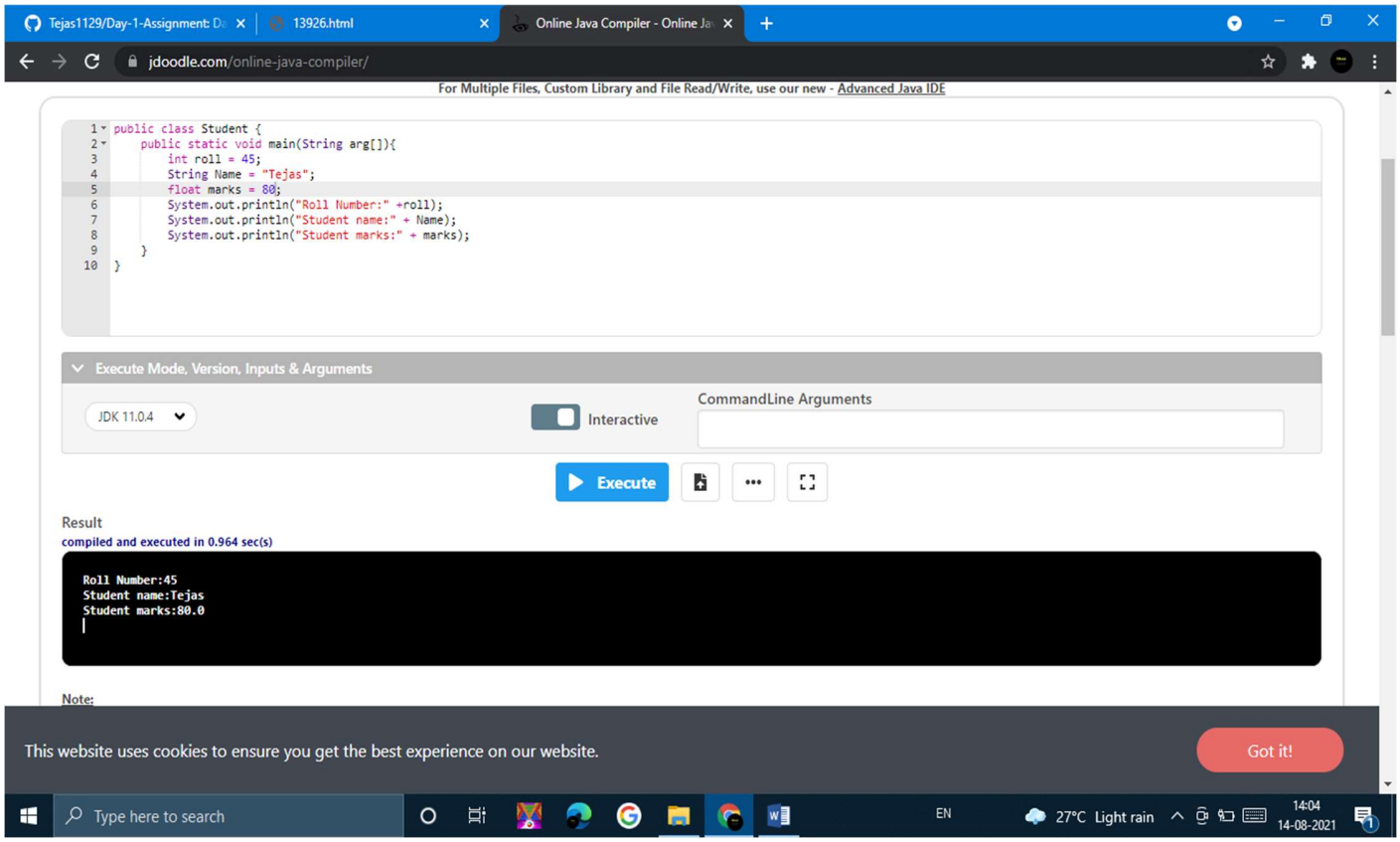
INTERPRETER

- *It takes one statement as input at a time.*
- *Interpreter translates only one statement.*
- *Interpreter takes less time to analyze the source code.*
- *No object code is generated.*
- *The time taken to execute the code is slower.*
- *Error is reported as soon as the first error is encountered.*
- *Debugging is easy as it will report as soon it encounter the error.*
- *Interpreted program are interpreted line by line every time they run.*
- *Example: Java, Python, Ruby.*

2.Write program to which will store the details of student and print the details using the below classes

- *Int roll*
- *String name*
- *Float marks*

```
public class Student {
    public static void main(String arg[]){
        int roll = 45;
        String Name = "Tejas";
        float marks = 80;
        System.out.println("Roll Number:" +roll);
        System.out.println("Student name:" + Name);
        System.out.println("Student marks:" + marks);
    }
}
```



DAY2 ASSINGMNET

Write a java program which would take two values through command line argument and print the sum of the two values.

```
public class Sum {
    public static void main(String args[]) {
        int a, b, c;
        a=Integer.parseInt(args[0]);
        b= Integer.parseInt(args[1]);
        c=a+b;
        System.out.println(" command line Input Sum is:" +c);
    }
}
```