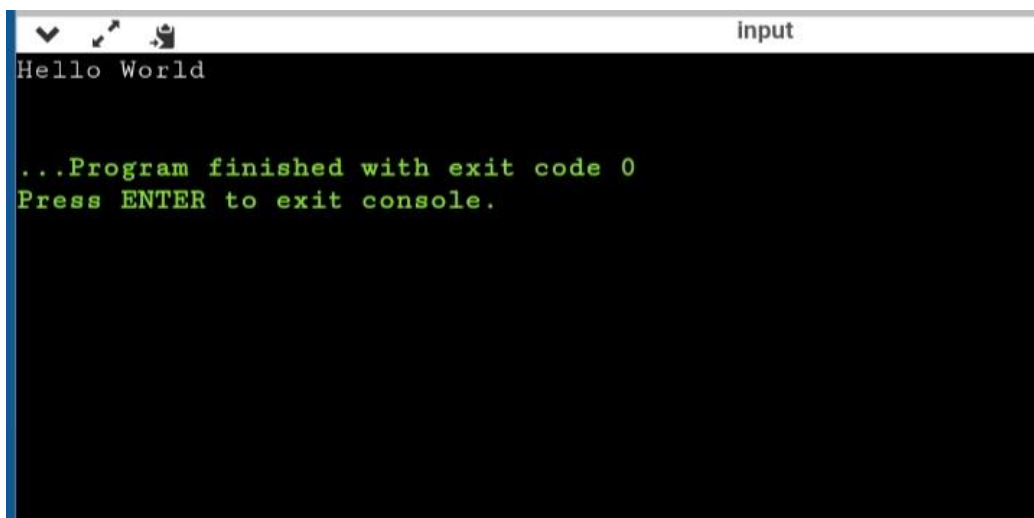# Assignment-1

1.Write a Java program to print "Hello World".

```java
public class Main
{
    public static void main(String[] args) {
        System.out.println("Hello World");
    }
}
```
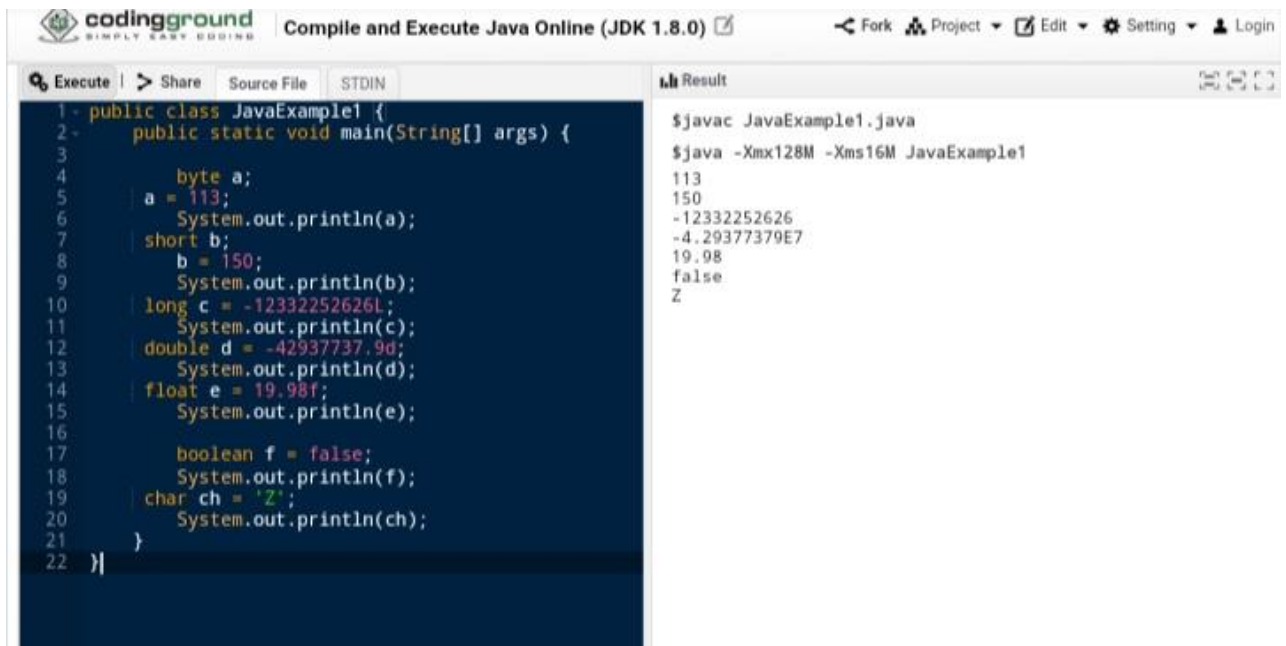
Output


```
Hello World

...Program finished with exit code 0
Press ENTER to exit console.
```

2.Write a Java program for declaring variables of all data types
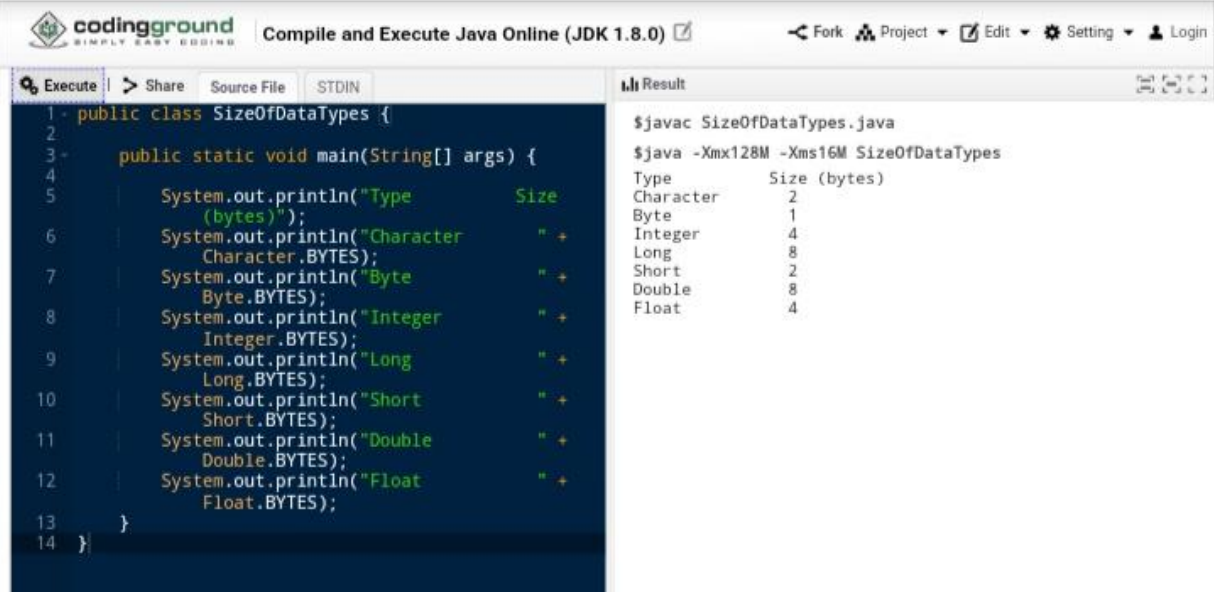
```java
public class JavaExample1 {
    public static void main(String[] args) {

        byte a;
        a = 113;
        System.out.println(a);
        short b;
        b = 150;
        System.out.println(b);
        long c = -12332252626L;
        System.out.println(c);
        double d = -42937737.9d;
        System.out.println(d);
        float e = 19.98f;
        System.out.println(e);
```

```
        boolean f = false;
        System.out.println(f);
        char ch = 'Z';
        System.out.println(ch);
    }
}
```

Output

3.Write a Java Program to find size of different data type

```java
public class SizeOfDataTypes {

    public static void main(String[] args) {

        System.out.println("Type         Size (bytes)");
        System.out.println("Character     " + Character.BYTES);
        System.out.println("Byte          " + Byte.BYTES);
        System.out.println("Integer       " + Integer.BYTES);
        System.out.println("Long          " + Long.BYTES);
        System.out.println("Short         " + Short.BYTES);
        System.out.println("Double        " + Double.BYTES);
        System.out.println("Float         " + Float.BYTES);
    }
}
```
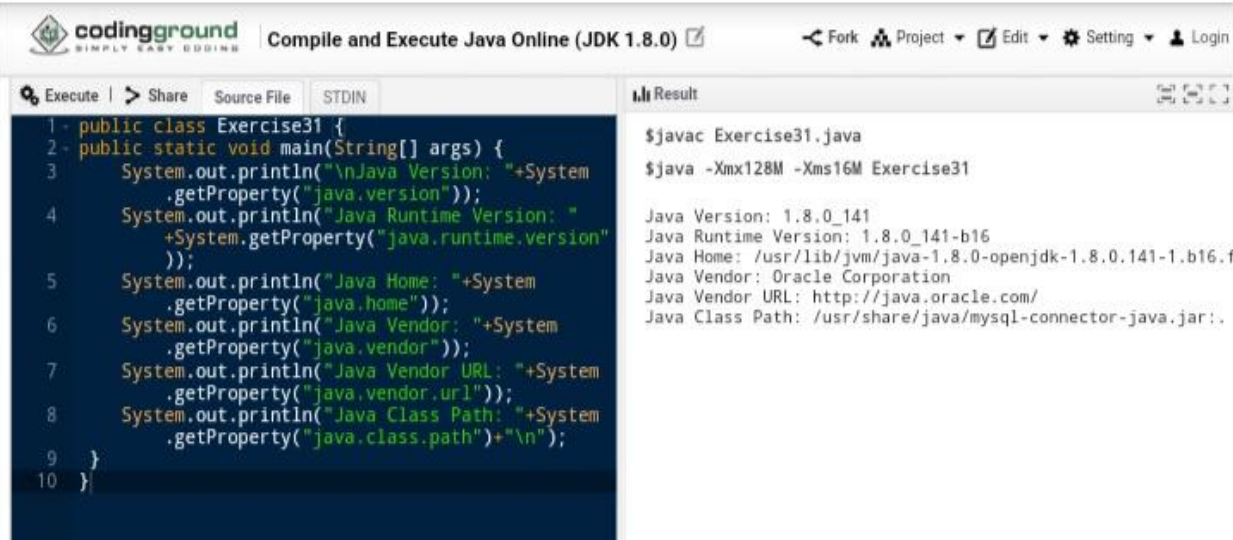
Output

4.Write a Java program to check whether Java is installed on your computer.

```java
public class Exercise31 {
public static void main(String[] args) {
   System.out.println("\nJava Version: "+System.getProperty("java.version"));
   System.out.println("Java Runtime Version: "+System.getProperty("java.runtime.version"));
   System.out.println("Java Home: "+System.getProperty("java.home"));
   System.out.println("Java Vendor: "+System.getProperty("java.vendor"));
   System.out.println("Java Vendor URL: "+System.getProperty("java.vendor.url"));
   System.out.println("Java Class Path: "+System.getProperty("java.class.path")+"\n");
 }
}
```

Output