**Practice**

**A First Simple Program**

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          This is a simple Java program.

          Call this file "Demo.java".

       \*/

       class Demo {

         // Your program begins with a call to main().

         public static void main(String args[]) {

           System.out.println("Hi Welcome to SRM Online.");

         }

      }

* /\*  \*/  - Multi line comment
* // - Single line Comment
* The name you give to a source file is very important. The name of the source file should be **Demo.java (Main Class Name).**
* public static void main(String args[]) -  Main Method

A Second Short Program:

class Example2 {

public static void main(String args[]) {

int num; // this declares a variable called num

num = 100; // this assigns num the value 100

System.out.println("This is num: " + num);

num = num \* 2;

System.out.print("The value of num \* 2 is ");

System.out.println(num);

}

}

output:

This is num: 100

The value of num \* 2 is 200

The first new line in the program is shown here:

int num; // this declares a variable called num

This line declares an integer variable called num.

type var-name;

Java defines several data types, including integer, character, and floating-point. The keyword int specifies an integer type.

In the program, the line

num = 100; // this assigns num the value 100

assigns to num the value 100. In Java, the assignment operator is a single equal sign.