**Hello World:**

public class App {

  public static void main(String[] args ){

   System.out.println("Hello World");

  }

}

**Output:**

public class App {

  public static void main(String[] args ){

   System.out.println("Hello World");   //print statement

   System.out.println(2);

   System.out.println(2+2);

   System.out.println(2\*2);

   System.out.println(2/2);

   System.out.println(3%2);

}

}

**Data Types, variable declaration and initialization:**

public class App {

  public static void main(String[] args ){

int num = 3;

float num2 = 3.4f;

double num3 = 5.6;

char alpha = 'a';

String word = "Object Oriented Programming";

boolean check = true;

System.out.println(num);

System.out.println(num2);

System.out.println(check);

}

}

**Input:**

import java.util.Scanner;

public class App {

  public static void main(String[] args ){

Scanner myObj = new Scanner(System.in);

System.out.println("What is your name?");

String name = myObj.nextLine();

System.out.println("My name is " + name);

int num5 = myObj.nextInt();

System.out.println(num5);

}

}

**If-Else:**

public class App {

    public static void main(String[] args ){

     int doorlock = 2341;

     if(doorlock == 2341){

      System.out.println("open");

     }

     else{

      System.out.println("invalid");

     }

  }

  }

**If-Else and Nested If:**

//import java.util.Scanner;

public class App {

  public static void main(String[] args ){

   int doorlock = 2351;

   if(doorlock == 2341){

    System.out.println("open");

   }

   else{

    System.out.println("invalid");

   }

   if(doorlock==2341){

   }

        String job = myObj.nextLine();

     if(check = "technical")

       {

         System.out.println("open the door");

       }

}

}