**BASIC JAVA PROGRAM**

**/\* public class HelloWorld**

**{**

**public static void main (String[]args)**

**{**

**System.out.println("hello harsh!");**

**}**

**}**

**\*/**

**/\* public class HelloWorld**

**{**

**public static void main (String[]args)**

**{**

**System.out.println("Harsh Agnihotri");**

**System.out.println("Mathura");**

**}**

**}  \*/**

**/\* public class HelloWorld**

**{**

**public static void main(String[] args) {**

**int var1=10,var2=20,c=0;**

**c=var1+var2;**

**System.out.println("the answer is "+ c);**

**}**

**} \*/**

**/\* public class HelloWorld**

**{**

**public static void main(String[] args) {**

**int a=50,b=20,c=0;**

**c=a-b;**

**System.out.println("a-b=" +c);**

**}**

**}  \*/**

**/\* public class HelloWorld**

**{**

**public static void main(String[] args) {**

**int var1=100,var2=20,c=0;**

**c=var1+var2;**

**System.out.println("the answer is "+ c);**

**c=var1-var2;**

**System.out.println("the answer is "+ c);**

**c=var1\*var2;**

**System.out.println("the answer is "+ c);**

**c=var1/var2;**

**System.out.println("the answer is "+ c);**

**}**

**}**

**\*/**

**/\* public class HelloWorld**

**{**

**public static void main(String[] args) {**

**float var1=10.2f,var2=20.5f,c=0;**

**c=var1+var2;**

**System.out.println("the answer is "+ c);**

**c=var1-var2;**

**System.out.println("the answer is "+ c);**

**c=var1\*var2;**

**System.out.println("the answer is "+ c);**

**c=var1/var2;**

**System.out.println("the answer is "+ c);**

**}**

**}  \*/**

**/\* public class HelloWorld**

**{**

**public static void main(String[] args) {**

**int var1 = -3;**

**System.out.println("var1="+var1);**

**}**

**}**

**\*/**

**/\*  public class HelloWorld{**

**public static void main(String[] args) {**

**int a=10,b=5,c=1,result=0;**

**result=a+b-c;**

**System.out.println("the answer is"+result);**

**}**

**} \*/**

**/\* import java.util.Scanner;        /\*for taking input from the user \*/**

**/\* public class HelloWorld{**

**public static void main(String[] args) {**

**Scanner sc = new Scanner(System.in);       /\*sc= reference variable \*/**

**/\* int l , b , area;**

**System.out.println("Enter the Value Of L");**

**l=sc.nextInt();         /\*input \*/**

**/\*   System.out.println("Enter the Value Of B");**

**b=sc.nextInt();            /\*input \*/**

**/\*  area= l\*b;**

**System.out.println("The area of rectangle is "+ area);**

**}**

**}  \*/**

**/\* import java.util.Scanner;        /\*for taking input from the user \*/**

**/\* public class HelloWorld{**

**public static void main(String[] args) {**

**Scanner sc = new Scanner(System.in);       /\*sc= reference variable \*/**

**/\* double  r , area;    /\* we can take double bcoz the value of pie is in double \*/**

**/\* System.out.println("Enter the Value Of r");**

**r=sc.nextInt();            /\*input \*/**

**/\*  area= Math.PI\*r\*r;         /\* 3.14 \*r\*r \*/**

**/\* System.out.println("The area of Circle is "+ area);**

**}**

**} \*/**

**/\* import java.util.Scanner;**

**public class HelloWorld{**

**public static void main(String[] args) {**

**Scanner sc = new Scanner(System.in);**

**Float p,r,t,SI;**

**System.out.println("Enter the value of p");**

**p=sc.nextFloat();**

**System.out.println("Enter the value of r");**

**r=sc.nextFloat();**

**System.out.println("Enter the value of t");**

**t=sc.nextFloat();**

**SI=p\*r\*t/100;**

**System.out.println("The Simple Interest is" + SI);**

**}**

**} \*/**

**/\*  import java.util.Scanner;**

**public class HelloWorld{**

**public static void main(String[] args) {**

**Scanner sc = new Scanner(System.in);**

**int a,b,c;**

**System.out.println("Enter the value of a");**

**a=sc.nextInt();**

**System.out.println("Enter the value of b");**

**b=sc.nextInt();**

**System.out.println("Before Swapping :" + a + " "+ b);**

**c=a;**

**a=b;**

**b=c;**

**System.out.println("After Swapping : " + a + " "+  b +" " + " " + c);**

**}**

**}  \*/**

**Don’t take r as a radius always take radius for a professional way**

**-2^y-1 to 2 ^y-1 -1 kisi bhi keywords ki exacts value nikalne ke liye ye formula use hota hai**

**Methods used in scaneer class**

* **nextInt()**
* **nextFloat()**
* **nextDouble()**
* **nextByte()……and so on.**

**There are two types of methods we use in java are Static and Instance.**

**To make a method : for ex- public static void SUMTWONUMBERS(int a , int b ){**

**Sout(a+b);**

**} // this is a Static Method**

**Int SUMTWONUMBERS(int a , int b)**

**{**

**Retrun a+b;} //Instance Method**