PROGRAM:

class FirstProgram {

public static void main(String arg[]) {

System.out.println("Hello World");

}

}

OUTPUT:

Hello World

PROGRAM 1:

import java.util.Scanner;

class Calculator {

public static void main(String arg[]) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter The Numbers");

int n1 = sc.nextInt();

int n2 = sc.nextInt();

System.out.println("Sum of the numbers is :"+ n1+n2);

System.out.println("Difference of the numbers is :"+ (n1-n2));

System.out.println("Product of the numbers is :"+ n1\*n2);

System.out.println("Quotient of the numbers is :"+ n1/n2);

}

}

OUTPUT:

Enter The Numbers

1

2

Sum of the numbers is :3

Difference of the numbers is :-1

Product of the numbers is :2

Quotient of the numbers is :0

PROGRAM 2:

import java.util.Scanner;

class SimpleInterest {

public static void main(String arg[]) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter the Principle Amount:");

int p = sc.nextInt();

System.out.println("Enter the Rate of Interest:");

int r = sc.nextInt();

System.out.println("Enter the Time Period(in yrs):");

int t = sc.nextInt();

int si = (p \* t \* r) / 100;

System.out.println("The Simple Interest is:"+ si);

}

}

OUTPUT:

Enter the Principle Amount:

10000

Enter the Rate of Interest:

2

Enter the Time Period(in yrs):

5

The Simple Interest is:1000

PROGRAM 3:

import java.util.Scanner;

class Fibonacci {

public static void main(String arg[]) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter the number of elements to be printed");

int n = sc.nextInt();

if(n <= 0) System.out.println("Invalid");

if(n == 1) System.out.println("0");

if(n == 2) System.out.println("0, 1");

int n1 = 0, n2 = 1;

System.out.print("0,1");

for(int i = 3; i <= n; i++) {

int n3 = n2 + n1;

System.out.print(","+n3);

n1 = n2;

n2 = n3;

}

}

}

OUTPUT:

Enter the number of elements to be printed

6

0,1,1,2,3,5

PROGRAM 4:

import java.util.Scanner;

class Tables {

public static void main(String arg[]) {

System.out.println("Multiplication Tables of 3:");

for(int i = 0; i <=10; i++) {

System.out.println("3 x"+i+"="+(3\*i));

}

System.out.println("Multiplication Tables of 5:");

for(int i = 0; i <=10; i++) {

System.out.println("5 x"+i+"="+(5\*i));

}

}

}

OUTPUT:

Multiplication Tables of 3:

3 x0=0

3 x1=3

3 x2=6

3 x3=9

3 x4=12

3 x5=15

3 x6=18

3 x7=21

3 x8=24

3 x9=27

3 x10=30

Multiplication Tables of 5:

5 x0=0

5 x1=5

5 x2=10

5 x3=15

5 x4=20

5 x5=25

5 x6=30

5 x7=35

5 x8=40

5 x9=45

5 x10=50

PROGRAM 5:

class Factorial{

public static void main(String args[]) {

int n = 5;

System.out.print("Factorial of 5:");

int ans = 1;

for(int i = 5; i > 0; i--) {

ans\*=i;

}

System.out.print(ans);

}

}

OUTPUT:

Factorial of 5:120