Technical Training 1.2

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1. Java Program to Add two Numbers

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int num1 = s.nextInt();

int num2 = s.nextInt();

int sum = num1+num2;

System.out.println("The sum of a and b is "+ sum);

}

}

2) Java Program to Check Even or Odd Number

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int num1 = s.nextInt();

if (num1 % 2 == 0)

{

System.out.println("The number is even "+ num1);}

else

{

System.out.println("The number is odd "+ num1);

}

}

}

1. Java Program to add two binary numbers

import java.util.\*;

import java.io.\*;

public class Main

{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

String b1 = s.nextLine();

String b2 = s.nextLine();

int num1 = Integer.parseInt(b1,2);

int num2 = Integer.parseInt(b2,2);

System.out.println("The binary sum is :" +Integer.toBinaryString(num1+num2));

}

}

4) Java Program to Multiply two Numbers

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int num1 = s.nextInt();

int num2 = s.nextInt();

int mul = num1\*num2;

System.out.println("The multplacation of a and b is "+ mul);

}

}

5) Java Program to check Leap Year

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int num1 = s.nextInt();

if (num1 % 4 == 0 ||(num1 % 4 == 0 && num1 % 100 == 0 && num1 % 400 == 0))

{

System.out.println("The year is leap year :"+ num1);}

else

{

System.out.println("The year is not leap year :"+ num1);

}

}

}

6) Java Program to calculate simple interest

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

System.out.println("Enter the initial priciple amount");

int p = s.nextInt();

System.out.println("Enter the anual intrest rate ");

int r = s.nextInt();

System.out.println("Enter time in years ");

int t = s.nextInt();

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

System.out.println("The total intrest is : " + (p+intrest));

}

}