**Mechi Multiple Campus**

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Bachelor in Computer Application (BCA)

OOP in Java Teacher

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1. **Java Program to find the largest of three numbers using if..else..if**

import java.util.Scanner;

public class Largest{

    public static void main(String[] args){

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter Three Number: ");

        int num1=sc.nextInt();

        int num2=sc.nextInt();

        int num3=sc.nextInt();

        if(num1>num2 && num1>num3)

            System.out.println(num1+" is Largest Number.");

        else if(num2>num3)

            System.out.println(num2+" is Largest Number.");

        else

            System.out.println(num3+" is Largest Number.");

    }

}

1. **Java Program to check if number is positive or negative**

import java.util.\*;

class PositiveNegative{

    public static void main(String[] args){

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter a Number:");

        int num=sc.nextInt();

        if(num>0)

            System.out.println(num+" is Positive Number.");

        else if(num<0)

            System.out.println(num+" is Negative Number.");

        else

            System.out.println(num+" is Neither Positive Nor Negative.");

    }

}

1. **Java Program to check if number is even or odd**

import java.util.Scanner;

public class OddEven{

    public static void main(String[] args){

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter a Number:");

        int num=sc.nextInt();

        if(num%2==0)

            System.out.println(num+" is Even Number.");

        else

            System.out.println(num+" is Odd Number.");

    }

}

1. **Java Program to check whether a char is vowel or Consonant using Switch Case**

import java.util.\*;

public class VowelConsonant{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

System.out.println("Enter a Character:");

char ch=sc.next().charAt(0);

switch (ch) {

case 'a':

case 'A':

case 'e':

case 'E':

case 'i':

case 'I':

case 'o':

case 'O':

case 'u':

case 'U':

System.out.println(ch+" is Vowel.");

break;

default:

System.out.println(ch+" is Consonant.");

}

}

1. **Java Program to make a Simple Calculator using Switch Case**

import java.util.Scanner;

public class Calculator{

    public static void main(String[] args){

        Scanner sc=new Scanner(System.in);

        System.out.println("Operation\n1.Addition\n2.Subtraction\n3.Multiplication\n4.Division\n5.Modulus\n\nEnter Your Selection: ");

        int sw=sc.nextInt();

        System.out.println("Enter a Two Number:");

        int num1=sc.nextInt();

        int num2=sc.nextInt();

        switch (sw) {

            case 1:

                System.out.println("Addition = "+(num1+num2));

                break;

            case 2:

                System.out.println("Subtraction = "+(num1-num2));

              break;

            case 3:

                System.out.println("Multiplication = "+(num1\*num2));

                break;

            case 4:

               System.out.println("Division = "+(num1/num2));

                break;

            case 5:

               System.out.println("Modulus = "+(num1%num2));

               break;

            default:

                System.out.println("Invalid Entry");

                break;

        }

    }

}