

```

import java.util.Scanner;

class calculator
{
    int a,b;
    int ch;
    Scanner sn = new Scanner(System.in);
    void getdata()
    {

        System.out.println("Enter the First number : ");
        a=sn.nextInt();
        System.out.println("Enter the Second number : ");
        b=sn.nextInt();

    }
    void printdata()
    {
        System.out.println("enter the operation to be performed:\n 1. Addition \n2.
Subtraction \n3. Multiplication \n4.Division ");
        int ch=sn.nextInt();
        switch(ch)
        {
            case 1:
                System.out.println("Addition of two numbers:\n" +(a+b));
                break;
            case 2:
                System.out.println("Subtraction of two numbers:\n" +(a-b));
                break;
            case 3:
                System.out.println("Multiplication of two numbers:\n" +(a*b));
                break;
            case 4:
                System.out.println("Division of two numbers:\n" +(a/b));
                break;

            default:
                System.out.println("enter a valid number");
                break;
        }
    }

}

public static void main(String[] args) {
    calculator cal =new calculator();
    cal.getdata();
    cal.printdata();
}

```

}
}