

Q.3--> Write a java programme to perform addition , subtraction , multiplication & division using static methods.

/*by declaring static method(no need to create any object,as it is a static method) ,constructor & CLA*/

```
class operation1
{
    static int summation(int a,int b)
    {
        return(a+b);

    }
    static int subtraction(int a,int b)
    {
        return(a-b);

    }
    static int multiplication(int a,int b)
    {
        return(a*b);

    }
    static int division(int a,int b)
    {
        return(a/b);

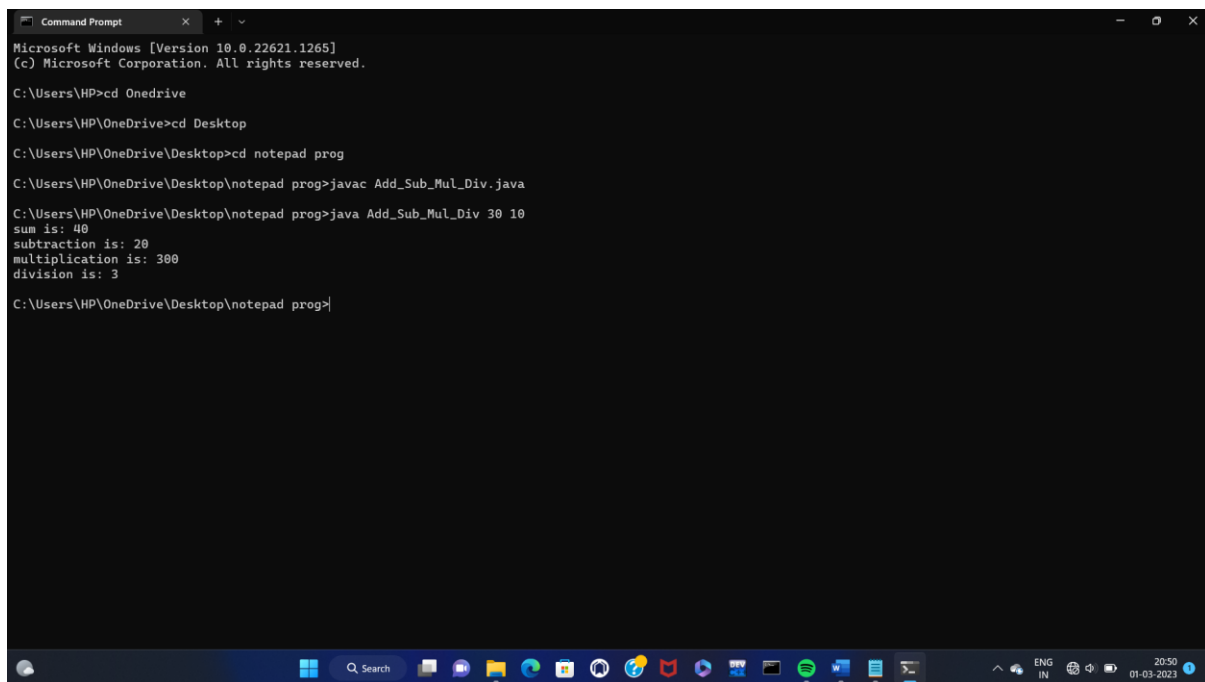
    }
}

class Add_Sub_Mul_Div
{
```

```

public static void main(String args[])
{
    int i=Integer.parseInt(args[0]);
    int j=Integer.parseInt(args[1]); //if we use static method then we don't have to create obj
    int x=operation1.summation(i,j);
    int y=operation1.subtraction(i,j);
    int m=operation1.multiplication(i,j);
    int n=operation1.division(i,j);
    System.out.println("sum is: "+x);
    System.out.println("subtraction is: "+y);
    System.out.println("multiplication is: "+m);
    System.out.println("division is: "+n);
}
}

```



```

Command Prompt
Microsoft Windows [Version 10.0.22621.1265]
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C:\Users\HP>cd OneDrive
C:\Users\HP\OneDrive>cd Desktop
C:\Users\HP\OneDrive\Desktop>cd notepad prog
C:\Users\HP\OneDrive\Desktop\notepad prog>javac Add_Sub_Mul_Div.java
C:\Users\HP\OneDrive\Desktop\notepad prog>java Add_Sub_Mul_Div 30 10
sum is: 40
subtraction is: 20
multiplication is: 300
division is: 3
C:\Users\HP\OneDrive\Desktop\notepad prog>

```