



Operation.java Main.java

```
1 package Com.project;|
2
3 public class Operation {
4
5     public void add(int X, int Y)
6     {
7         System.out.println("Add of Two Numbers");
8         int C=X+Y;
9         System.out.println("The Addition of " +X + " + "+Y + " = " +C);
10    }
11    public void add(int X, int Y, int Z)
12    {
13        System.out.println("Add of Three Numbers");
14        int C=X+Y+Z;
15        System.out.println("The Addition of " +X + " + "+Y + " + "+Z+ " = " +C);
16    }
17
18
19    public void sub(int X, int Y)
20    {
21        System.out.println("Sub of Two Numbers");
22        int C=X-Y;
23        System.out.println("The Sustraction of " +X + " - "+Y + " = " +C);
24    }
25    public void sub(int X, int Y, int Z)
26    {
27        System.out.println("Sub of Three Numbers");
28        int C=X-Y-Z;
29        System.out.println("The Substraction of " +X + " - "+Y+ " - "+Z+ " = "
30    }
31
32
33    public void Mul(int X, int Y)
34    {
35        System.out.println("Mul of Two Numbers");
36        int C=X*Y;
37        System.out.println("The Multiplication of " +X + " * "+Y + " = " +C);
38    }
39    public void Mul(int X, int Y, int Z)
```



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```
22     int C=X-Y;  
23     System.out.println("The Sustraction of " +X + " - "+Y + " = " +C);  
24 }  
25 public void sub(int X, int Y, int Z)  
26 {  
27     System.out.println("Sub of Three Numbers");  
28     int C=X-Y-Z;  
29     System.out.println("The Substraction of " +X + " - "+Y+ " - "+Z+ " = " +C);  
30 }  
31  
32  
33 public void Mul(int X, int Y)  
34 {  
35     System.out.println("Mul of Two Numbers");  
36     int C=X*Y;  
37     System.out.println("The Multiplication of " +X + " * "+Y + " = " +C);  
38 }  
39 public void Mul(int X, int Y, int Z)  
40 {  
41     System.out.println("Mul of Three Numbers");  
42     int C=X*Y*Z;  
43     System.out.println("The Multiplication of " +X + " * "+Y + " * "+Z+ " = " +C);  
44 }  
45  
46  
47 public void Div(int X, int Y)  
48 {  
49     System.out.println("Div of Two Numbers");  
50     int C=X/Y;  
51     System.out.println("The Division of " +X + " / "+Y + " = " +C);  
52 }  
53 public void Div(int X, int Y, int Z)  
54 {  
55     System.out.println("Div of Three Numbers");  
56     int C=X/Y/Z;  
57     System.out.println("The Division of " +X + " / "+Y + " / "+Z+ " = " +C);  
58 }  
59 }  
60
```

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Operation.java Main.java

```
1 package Com.project;
2
3 import java.util.Scanner;
4
5 public class Main {
6     public static void main(String[] args) {
7         int X, Y, Z;
8         char ch;
9         Operation op=new Operation();
10        System.out.println("Select below one choice");
11        System.out.println(" 1. for Addition \n 2. for Substraction \n 3. for Multiplication \n 4. for Div
12        Scanner sc=new Scanner(System.in);
13        int a=sc.nextInt();
14        switch(a)
15        {
16        case 1:
17            System.out.println("Enter first X integer value ");
18            X=sc.nextInt();
19
20            System.out.println("Choose char +");
21            ch = sc.next().charAt(0);
22            if(ch=='+')
23            {
24                System.out.println("Enter second Y integer value");
25                Y=sc.nextInt();
26
27                System.out.println("Choose char + or =");
28                ch = sc.next().charAt(0);
29                if(ch=='=')
30                {
31                    op.add(X, Y);
32                }
33
34                else if(ch=='+')
35                {
36                    System.out.println("Enter Third Z integer value");
37                    Z=sc.nextInt();
38                    op.add(X, Y, Z);
39                }
40            }
41        }
```

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Operation.java

Main.java

```
37         Z=sc.nextInt();
38         op.add(X, Y, Z);
39     }
40     else
41     {
42         System.out.println("This is not valid input");
43     }
44 }
45 break;
46
47 case 2:
48     System.out.println("Enter first X integer value ");
49     X=sc.nextInt();
50
51     System.out.println("Choose char -");
52     ch=sc.next().charAt(0);
53     if(ch=='-')
54     {
55         System.out.println("Enter second Y integer value");
56         Y=sc.nextInt();
57
58         System.out.println("Choose char - or =");
59         ch=sc.next().charAt(0);
60         if(ch=='=')
61         {
62             op.sub(X, Y);
63         }
64         else if(ch=='-')
65         {
66             System.out.println("Enter Third Z integer value");
67             Z=sc.nextInt();
68             op.sub(X, Y, Z);
69         }
70     }
71     else
72     {
73         System.out.println("This is not valid input");
74     }
75 }
break.
```



ation.java Main.java

break;**case 3:**

```
System.out.println("Enter first X integer value ");
X=sc.nextInt();
```

```
System.out.println("Choose char *");
ch=sc.next().charAt(0);
if(ch=='*')
{
```

```
    System.out.println("Enter second Y integer value");
    Y=sc.nextInt();
```

```
    System.out.println("Choose char * or =");
    ch=sc.next().charAt(0);
    if(ch=='=')
```

```
    {
        op.Mul(X, Y);
    }
```

```
    else if(ch=='*')
```

```
    {
        System.out.println("Enter Third Z integer value");
        Z=sc.nextInt();
        op.Mul(X, Y, Z);
    }
```

```
    else
```

```
    {
        System.out.println("This is not valid input");
    }
```

```
}
```

break;**case 4:**

```
System.out.println("Enter first X integer value ");
X=sc.nextInt();
```

```
System.out.println("Choose char /");
ch=sc.next().charAt(0);
if(ch=='/')
```

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124 : 32

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Operation.java

Main.java

```
103     }
104     }
105     break;
106
107     case 4:
108         System.out.println("Enter first X integer value ");
109         X=sc.nextInt();
110
111         System.out.println("Choose char /");
112         ch=sc.next().charAt(0);
113         if(ch=='/')
114         {
115             System.out.println("Enter second Y integer value");
116             Y=sc.nextInt();
117
118             System.out.println("Choose char / or =");
119             ch=sc.next().charAt(0);
120             if(ch=='=')
121             {
122                 op.Div(X, Y);
123             }
124             else if(ch=='/')
125             {
126                 System.out.println("Enter Third Z integer value");
127                 Z=sc.nextInt();
128                 op.Div(X, Y, Z);
129             }
130             else
131             {
132                 System.out.println("This is not valid input");
133             }
134         }
135         break;
136     }
137 }
138 }
139 }
140 }
141 }
```

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```
Quick Access
Problems @ Javadoc Declaration Console
<terminated> Main [Java Application] C:\Program Files\Java\jdk1.8.0_202\bin\
Select below one choice
1. for Addition
2. for Substraction
3. for Multiplication
4. for Division
1
Enter first X integer value
10
Choose char +
+
Enter second Y integer value
20
Choose char + or =
=
Add of Two Numbers
The Addition of 10 + 20 = 30

Activate Windows
Go to Settings to activate Windows.
```



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