/Operation.java - Eclipse IDE

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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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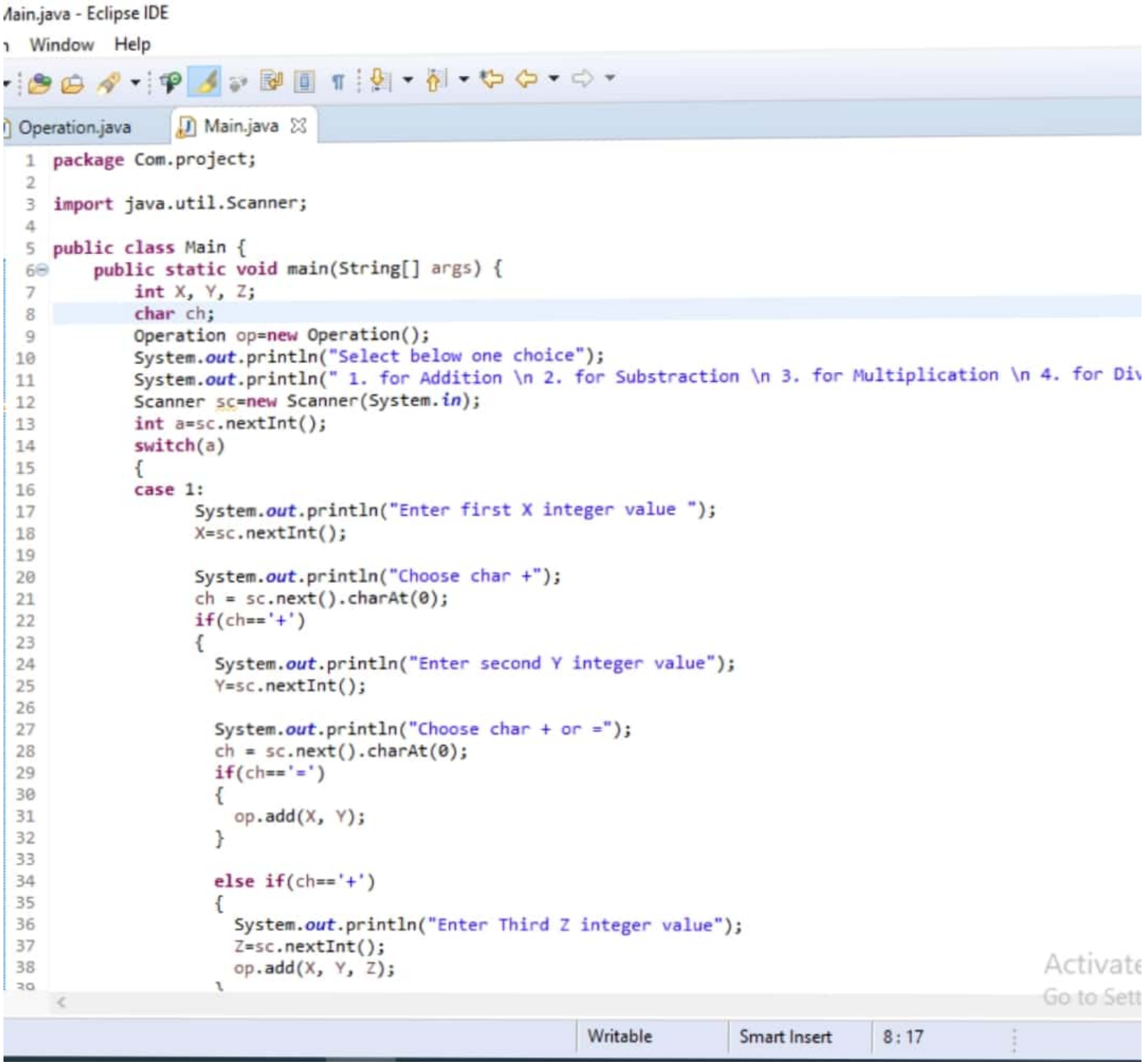

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Operation.java | Main.java

```
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                  else
71                    {
72                      System.out.println("This is not valid input");
73                    }
74              }
75              break;
```

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```
        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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