

```
/** ** Program to Implement the Basic Functionality of a Calculator  
using Switch ** ** */
```

```
import java.io.DataInputStream;
```

```
class Cal
```

```
{
```

```
    public static void main(String args[])
```

```
    {
```

```
        DataInputStream pt=new DataInputStream(System.in);
```

```
        int x,y,z,ch;
```

```
        try
```

```
        {
```

```
            System.out.println("Enter Value of X:");
```

```
            x = Integer.parseInt(pt.readLine());
```

```
            System.out.println("Enter Value of Y:");
```

```
            y = Integer.parseInt(pt.readLine());
```

```
            System.out.println("1.Addition\n2.Subtraction  
                               \n3.Multiplication\n4.Division");
```

```
            System.out.println("Enter ur choice:");
```

```
            ch = Integer.parseInt(pt.readLine());
```

```
            switch(ch)
```

```
            {
```

```
                case 1:
```

```
                    z = x + y;
```

```
                    System.out.println("The Addition is:"+z);
```

```
                    break;
```

```
                case 2:
```

```
                    z = x - y;
```

```
                    System.out.println("The Subtraction  
                                         is:"+z);
```

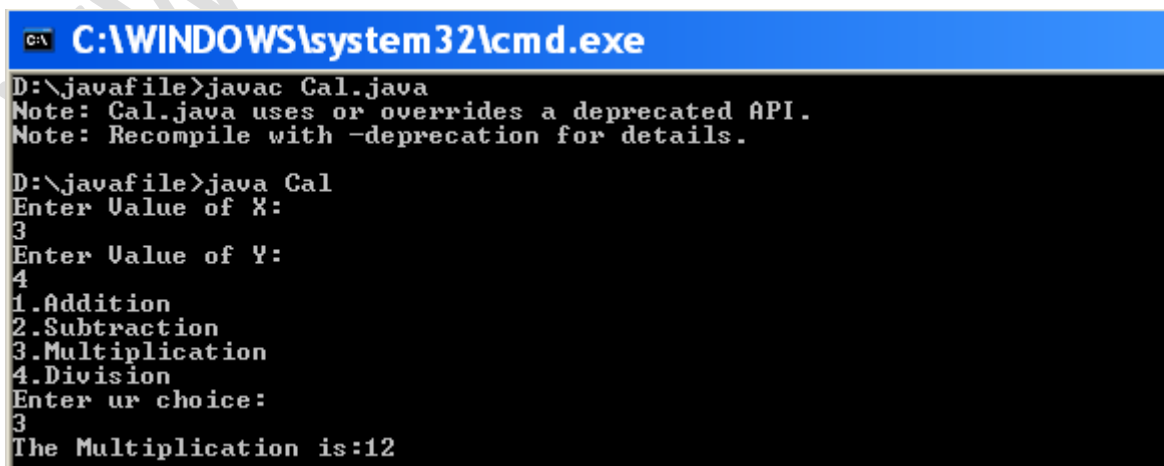
```
                    break;
```

```
        case 3:
            z = x * y;
            System.out.println("The Multiplication
                                is:"+z);

            break;
        case 4:
            z = x / y;
            System.out.println("The Division is:"+z);
            break;
        default:
            System.out.println("Sorry Try
                                Again.....");

            break;
    }
}
catch(Exception e)
{
    System.out.println("x.getMessage()");
}
}
```

Output:



```
C:\WINDOWS\system32\cmd.exe
D:\javafile>javac Cal.java
Note: Cal.java uses or overrides a deprecated API.
Note: Recompile with -deprecation for details.
D:\javafile>java Cal
Enter Value of X:
3
Enter Value of Y:
4
1.Addition
2.Subtraction
3.Multiplication
4.Division
Enter ur choice:
3
The Multiplication is:12
```