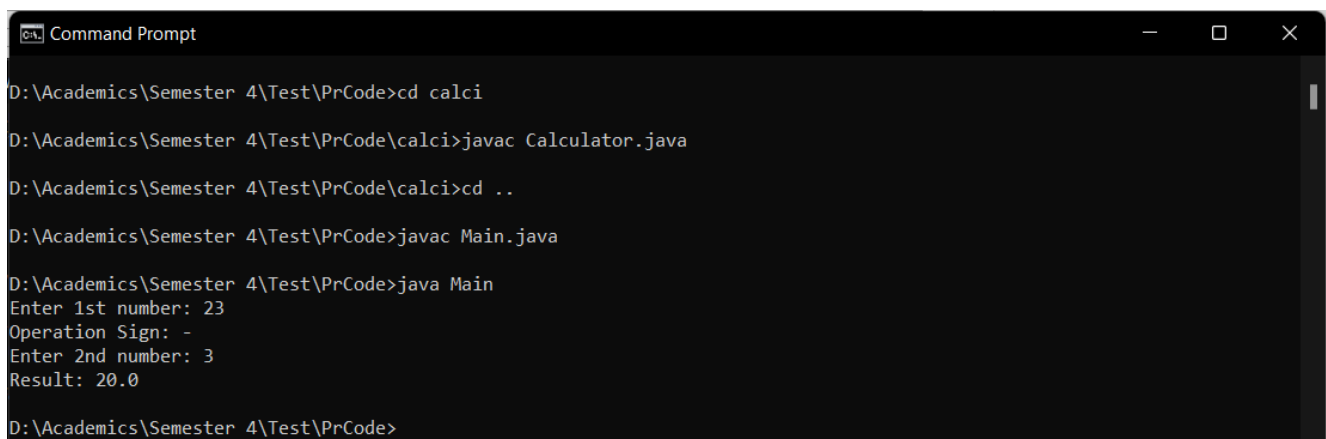


Main Code:

```
import java.util.Scanner;
import calci.Calculator;
class Main{
    public static void main(String args[]){
        int a, b;
        char sign;
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter 1st number: ");
        a = sc.nextInt();
        System.out.print("Operation Sign: ");
        sign = sc.next().charAt(0);
        System.out.print("Enter 2nd number: ");
        b = sc.nextInt();
        Calculator obj = new Calculator();
        System.out.println("Result: "+obj.proc(a,sign,b));
        sc.close();
    }
}
```

Package Code:

```
package calci;
public class Calculator{
    public double proc(int a, char s, int b){
        char add = '+';
        char sub = '-';
        char mul = '*';
        char div = '/';
        if(s==add){
            return a+b;
        }
        else if(s==sub){
            return a-b;
        }
        else if(s==mul){
            return a*b;
        }
        else if(s==div){
            return a/b;
        }
        return 23;
    }
}
```



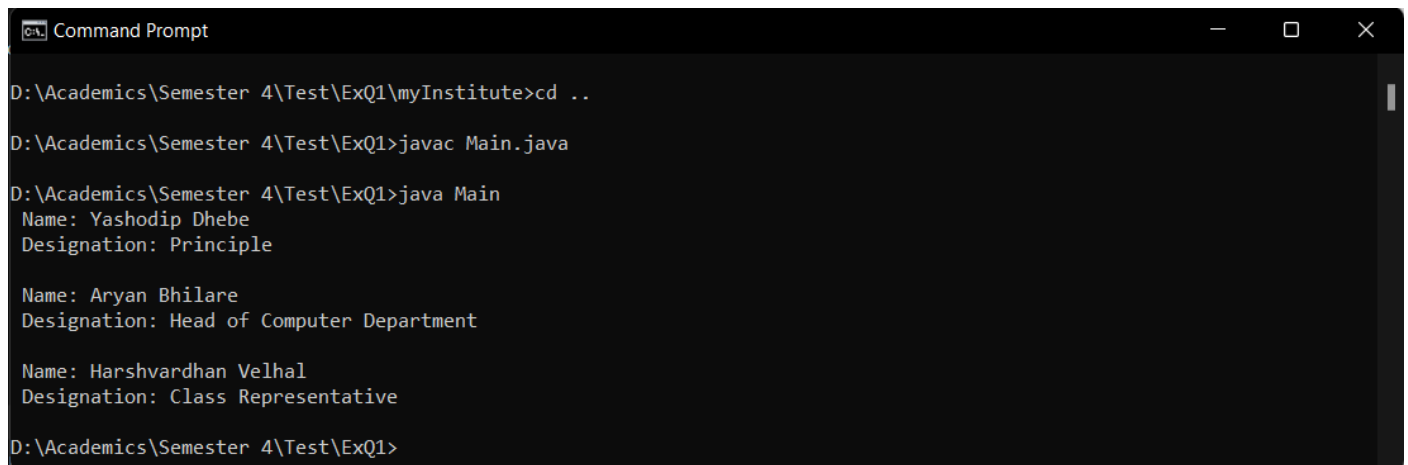
```
Command Prompt
D:\Academics\Semester 4\Test\PrCode>cd calci
D:\Academics\Semester 4\Test\PrCode\calci>javac Calculator.java
D:\Academics\Semester 4\Test\PrCode\calci>cd ..
D:\Academics\Semester 4\Test\PrCode>javac Main.java
D:\Academics\Semester 4\Test\PrCode>java Main
Enter 1st number: 23
Operation Sign: -
Enter 2nd number: 3
Result: 20.0
D:\Academics\Semester 4\Test\PrCode>
```

Main Code:

```
import myInstitute.*;
class Main{
    public static void main(String args[]){
        Department obj = new Department();
        obj.display();
    }
}
```

Package Code:

```
package myInstitute;
public class Department{
    public void display(){
        System.out.println(" Name: Yashodip Dhebe");
        System.out.println(" Designation: Principle");
        System.out.println();
        System.out.println(" Name: Aryan Bhilare");
        System.out.println(" Designation: Head of Computer Department");
        System.out.println();
        System.out.println(" Name: Harshvardhan Velhal");
        System.out.println(" Designation: Class Representative");
    }
}
```



```
Command Prompt
D:\Academics\Semester 4\Test\ExQ1\myInstitute>cd ..
D:\Academics\Semester 4\Test\ExQ1>javac Main.java
D:\Academics\Semester 4\Test\ExQ1>java Main
Name: Yashodip Dhebe
Designation: Principle

Name: Aryan Bhilare
Designation: Head of Computer Department

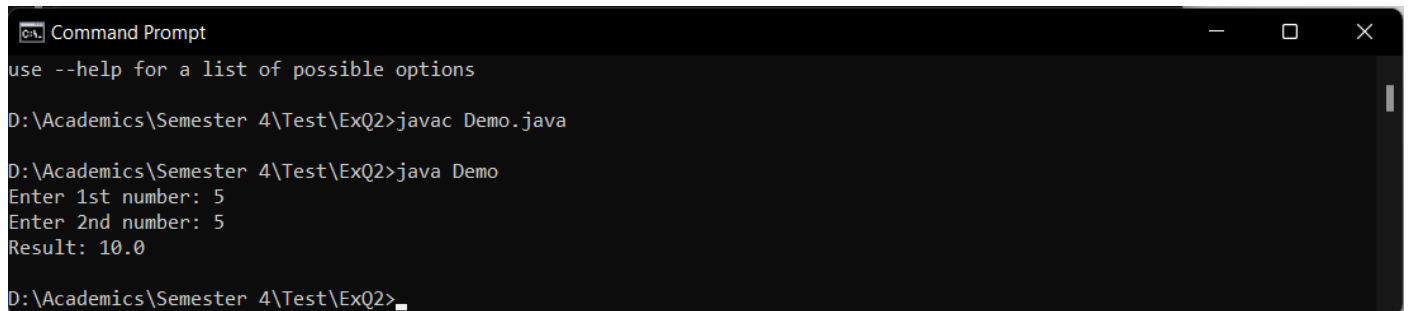
Name: Harshvardhan Velhal
Designation: Class Representative
D:\Academics\Semester 4\Test\ExQ1>
```

Main Code:

```
import let_me_calculate.Calculator;
import java.util.Scanner;
class Demo{
    public static void main(String args[]){
        double a, b;
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter 1st number: ");
        a = sc.nextInt();
        System.out.print("Enter 2nd number: ");
        b = sc.nextInt();
        Calculator obj = new Calculator();
        System.out.println("Result: "+obj.add(a,b));
        sc.close();
    }
}
```

Package Code:

```
package let_me_calculate;
public class Calculator{
    public double add(double a, double b){
        return a+b;
    }
}
```



The screenshot shows a Windows Command Prompt window with the following text:

```
Command Prompt
use --help for a list of possible options

D:\Academics\Semester 4\Test\ExQ2>javac Demo.java

D:\Academics\Semester 4\Test\ExQ2>java Demo
Enter 1st number: 5
Enter 2nd number: 5
Result: 10.0

D:\Academics\Semester 4\Test\ExQ2>_
```