

Main.java

```
1 import java.util.Scanner;
2 public class Main
3 {
4     public static void main(String args[])
5     {
6         int first, second, add, subtract, multiply;
7         float divide, mod;
8         Scanner scanner = new Scanner(System.in);
9
10        System.out.print("Enter Two Numbers : ");
11        first = scanner.nextInt();
12        second = scanner.nextInt();
13
14        add = first + second;
15        subtract = first - second;
16        multiply = first * second;
17        divide = (float) first / second;
18        mod = (float) first % second;
19
20        System.out.println("Sum = " + add);
21        System.out.println("Difference = " + subtract);
22        System.out.println("Multiplication = " + multiply);
23        System.out.println("Division = " + divide);
24        System.out.println("Modulus = " + mod);
25    }
26 }
```

### Output :-

```
Enter Two Numbers : 5 2
Sum = 7
Difference = 3
Multiplication = 10
Division = 2.5
Modulus = 1.0
```

...Program finished with exit code 0  
Press ENTER to exit console.

Main.java

```
1 import java.util.Scanner;
2
3 public class Main{
4
5     public static void main(String args[]){
6         System.out.println("Enter Any Three Numbers : ");
7         int a,b,c;
8
9         Scanner sc=new Scanner(System.in);
10        a=sc.nextInt();
11
12        b=sc.nextInt();
13
14        c=sc.nextInt();
15        if(a>=b && a>=c)
16            System.out.println(a+" is the largest number");
17
18        else if(b>=a && b>=c)
19            System.out.println(b+" is the largest number");
20
21        else
22            System.out.println(c+" is the largest number");
23
24    }
25 }
```

## Output

```
Enter Any Three Numbers :
78 7 79
79 is the largest number
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

Main.java

```
1 public class Main{  
2  
3     public static void main(String[] args)  
4     { int a,num=15, i=1;  
5       while(i<=10)  
6       {  
7         a=num*i;  
8         i++;  
9         System.out.println(a);  
10    }  
}
```

**Output :**

```
15  
30  
45  
60  
75  
90  
105  
120  
135  
150
```

```
...Program finished with exit code 0  
Press ENTER to exit console.
```

Main.java

```
1 import java.util.Scanner;
2 class Main {
3     public static void main(String[] args) {
4         char operator;
5         Double number1, number2, result;
6         Scanner sc = new Scanner(System.in);
7         System.out.println("Choose an operator: +, -, *, or /");
8         operator = sc.next().charAt(0);
9         System.out.println("Enter first number");
10        number1 = sc.nextDouble();
11        System.out.println("Enter second number");
12        number2 = sc.nextDouble();
13        switch (operator) {
14            case '+':
15                result = number1 + number2;
16                System.out.println(number1 + " + " + number2 + " = " + result);
17                break;
18            case '-':
19                result = number1 - number2;
20                System.out.println(number1 + " - " + number2 + " = " + result);
21                break;
22            case '*':
23                result = number1 * number2;
24                System.out.println(number1 + " * " + number2 + " = " + result);
25                break;
26            case '/':
27                result = number1 / number2;
28                System.out.println(number1 + " / " + number2 + " = " + result);
29                break;
30            default:
31                System.out.println("Invalid operator!");
32                break;
33        }
34        sc.close();
35    }
36 }
```

## Output :

```
Choose an operator: +, -, *, or /
+
Enter first number
5 4
Enter second number
5.0 * 4.0 = 20.0
```

...Program finished with exit code 0  
Press ENTER to exit console. ■

```
Main.java
1 public class Main {
2     public static void main(String[] args) {
3
4         int [] arr = new int [] {1, 2, 3, 4, 5};
5         int sum = 0;
6
7         for (int i = 0; i < arr.length; i++) {
8             sum = sum + arr[i];
9         }
10        System.out.println("Sum of all the elements of an array: " + sum);
11    }
12 }
```

**Output:**

```
Sum of all the elements of an array: 15
```

```
...Program finished with exit code 0
Press ENTER to exit console. █
```