```
package Arithematic;
import java.util.Scanner;
interface Operations{
    void sum();
    void difference();
    void multiplication();
    void division();
}
class Results implements Operations{
    public void sum(){
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter 2 no.s:");
        int a=sc.nextInt();
        int b=sc.nextInt();
        float sum=a+b;
        System.out.println("sum:"+sum);
    }
    public void difference(){

        Scanner sc=new Scanner(System.in);
        System.out.println("Enter 2 no.s:");
```

```
        int a=sc.nextInt();
        int b=sc.nextInt();
        float dif=a-b;
        System.out.println("difference:"+dif);
    }
    public void multiplication(){
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter 2 no.s:");
        int a=sc.nextInt();
        int b=sc.nextInt();
        float mul=a*b;

System.out.println("multiplication:"+mul);
    }
    public void division(){

        Scanner sc=new Scanner(System.in);
        System.out.println("Enter 2 no.s:");
        int a=sc.nextInt();
        int b=sc.nextInt();
        float div=a/b;
```

```
        System.out.println("division:"+div);
    }
}
class ArithemeticOperations{
        public static void main(String ar[]){
            Results re=new Results();
            System.out.println();
            System.out.println("Sum:");
            re.sum();
            System.out.println();
            System.out.println("Difference:");
            re.difference();
            System.out.println();
            System.out.println("Multiplication:");
            re.multiplication();
            System.out.println();
            System.out.println("Division:");
            re.division();

        }
}
```

Output

Sum:
Enter 2 no.s:
10
13
sum:23

Difference:
Enter 2 no.s:
13
10
difference: 3

Multiplication:
Enter 2 no.s:
12
10
multiplication: 120

Division:
Enter 2 no.s:
45
9
division: 5