

```
27.import java.util.*;
```

```
public class DAY4FIBONACCISERIES {
    public static void fibo_pos(int lim){
        int a = 0,b=1,c;
        System.out.print(a + " " + b);
        for(int i =2;i<=lim;i++){
            c = a + b;
            System.out.print(" " + c);
            a = b;
            b = c;
        }
    }
    public static void fibo_neg(int lim){
        int a = 0,b=-1,c;
        System.out.print(a + " " + b);
        for(int i =2;i<=lim;i++){
            c = a - b;
            System.out.print(" " + c);
            a = b;
            b = c;
        }
    }
    public static void main(String[] Args){
        Scanner sc = new Scanner(System.in);

        System.out.println("ENTER Limit : ");
        int limit = sc.nextInt();

        System.out.println("Enter Choice : \n1.Positive Series \n2.Negative Series");
        int ch = sc.nextInt();

        switch(ch){
            case 1 :
                fibo_pos(limit);
                break;
            case 2 :
                fibo_neg(limit);
                break;
        }
    }
}
```

```
        default:
            System.out.println("Enter a Valid Choice.");
        }
    }
}
```

Output

```
java -cp /tmp/uPF9Y7zRH1 DAY4FIBONACCISERIES
ENTER Limit :
4
Enter Choice :
1.Positive Series
2.Negative Series
1
0  11  23|
```