```java
package asoo;

public class Overload {

    void ovlDemo() {
        System.out.println("No parameters");
    }
    void ovlDemo(int a) {
        System.out.println("One parameter: " + a);
    }
    int ovlDemo(int a, int b) {
        System.out.println("Two parameters: " + a + " " + b);
return a + b;
    }
    double ovlDemo(double a, double b) {
        System.out.println("Two double parameters: " + a + " "+ b);
        return a + b;
    }


}
```
++
```java
package asoo;

public class OverloadDemo {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Overload ob = new Overload();
        int resI; double resD;


        ob.ovlDemo();
        System.out.println();



        ob.ovlDemo(2);
         System.out.println();
        resI = ob.ovlDemo(4, 6);
        System.out.println("Result of ob.ovlDemo(4, 6): " + resI);

        System.out.println();

        resD = ob.ovlDemo(1.1, 2.32);
```

```java
            System.out.println("Result of ob.ovlDemo(1.1, 2.32): " +
resD);
        }


    }
```

++=

Output is :-

No parameters

One parameter: 2

Two parameters: 4 6
Result of ob.ovlDemo(4, 6): 10

Two double parameters: 1.1 2.32
Result of ob.ovlDemo(1.1, 2.32): 3.42