

Wednesday 19 March, 2025, 1:50 pm

```
oopsconcept.java
1 package javapractice;
2 import java.io.*;
3
4 public class oopsconcept {
5 //int b=100;//global,non-static variable
6 //static int c=200;//static
7 //public static void main(String[] args) {
8 // int a=10;//local
9 // System.out.println(a);
10 // System.out.println(c);
11 // oopsconcept obj=new oopsconcept();
12 // System.out.println(obj.b);
13
14 //String c="sakshi";
15 //public static void main(String[] args) {
16 // oopsconcept obj1=new oopsconcept();
17 // System.out.println(obj1.c);
18
19 // #calling method inside main method
20 // public static void method1() {
21 // System.out.println("Method1");
22 // }
23 // public static void main(String[] args) {
24 // method1();
25
26 // #non-static method
27 static void method1() {
28 System.out.println("This is static");
29 }
30 void method2() {
31 System.out.println("This is non static");
32 }
33 void method3() {
34 System.out.println("This is method3");
35 }
36 static int add(int a,int b) {
37 return a+b;
38 }
```

```
39 static int sub(int a,int b) {
40     return a-b;
41 }
42 static int mul(int a,int b) {
43     return a*b;
44 }
45 static int div(int a,int b) {
46     return a/b;
47 }
48 public static void main(String[] args) {
49     method1();
50     oopsconcept obj1=new oopsconcept();
51     obj1.method2();
52     obj1.method3();
53     System.out.println("Addition:"+add(10,20));
54     System.out.println("Subtraction:"+add(10,20));
55     System.out.println("Multiplication:"+add(10,20));
56     System.out.println("division:"+add(10,20));
57 }
58 }
59
```