**//1)Method Example**

**package** ImpliciExplict;

**public** **class** Method {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

Method1 m=**new** Method1();

**int** result=m.cal(12, 12);

System.***out***.println("Result :"+result);

}

}

**class** Method1

{

**public** **int** cal(**int** num1,**int** num2)

{

**int** z=num1+num2;

**return** z;

}

}

Output>>

Result :24

//Call by value

**package** com;

**public** **class** Callbyvalue {

**int** value=150;

**int** operation(**int** val) {

value=val\*10;

**return**(value);

}

**public** **static** **void** main(String args[]) {

Callbyvalue c = **new** Callbyvalue();

System.***out***.println("Before operation value of data is "+c.value);

**int** res=c.operation(100);

System.***out***.println("After operation value of data is "+c.value);

}

}

Output>>

Before operation value of data is 150

After operation value of data is 1000

**//3)Method overloading**

**package** oops1;

**public** **class** MethodoverLoading {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

overload o=**new** overload();

o.add();

o.add(2);

o.add(1, 3);

o.add('c',"d");

o.add(10,20);

}

}

**class** overload

{

**void** add()

{

System.***out***.println("iam in void");

}

**void** add(**int** a)

{

System.***out***.println(a);

}

**void** add(**int** a,**int** b)

{

System.***out***.println(a+b);

}

**void** add(**char** a,String b)

{

System.***out***.println(a+b);

}

}

Output>>

iam in void

2

4

cd

30