

## Method and Constructor overloading.

### 1.Method Overloading

```
class Add{  
    static int add(int a, int b){  
        return a+b;  
    }  
    static int add(int a, int b, int c){  
        return a+b+c;  
    }  
}  
  
class Overloading{  
    public static void main(String args[])  
    {  
        System.out.println(Add.add(12,34));  
        System.out.println(Add.add(12,34,5));  
    }  
}
```

Output:

```
C:\Windows\System32\cmd.e  ×  +  ∨  
Microsoft Windows [Version 10.0.22621.2428]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>javac Overloading.java  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>java Overloading  
46  
51  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>|
```