

By using "this" we can :

Benefits Of Using "this"

1. Resolve the overlapping of data members/instance var of the class done by local var of the method with the same name

```

public class Emp {
    private int id;
    private String name;
    private double salary;

    public Emp(int id, String name, double salary) {
        this.id = id;
        this.name = name;
        this.salary = salary;
    }

    public void show()
    {
        System.out.println("id="+id);
        System.out.println("name="+name);
        System.out.println("salary="+salary);
    }
}
  
```

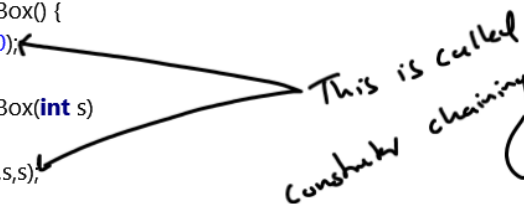
```

public class UseEmp {
    public static void main(String[] args) {
        Emp e=new Emp(101,"Dinesh",50000.0);
        e.show();
    }
}
  
```

1. Perform constructor chaining

```
public class Box {  
    private int l,b,h;  
    public Box() {  
        this(0);  
    }  
    public Box(int s)  
    {  
        this(s,s,s);  
    }  
    public Box(int i,int j,int k)  
    {  
        l=i;  
        b=j;  
        h=k;  
    }  
    public void show()  
    {  
        System.out.println("length="+l);  
        System.out.println("breadth="+b);  
        System.out.println("height="+h);  
    }  
}
```

*This is called
constructor chaining*



```
public class UseBox {  
    public static void main(String[] args) {  
        Box B1=new Box();  
        Box B2=new Box(10);  
        Box B3=new Box(5,7,9);  
        B1.show();  
        B2.show();  
        B3.show();  
    }  
}
```