

```

package inhdemo;
public class Emp {
    private String name;
    private double salary;

    public void setData(String name, double salary){
        this.name=name;
        this.salary=salary;
    }
    public String getName() {
        return name;
    }
    public double getSalary() {
        return salary;
    }
}

public class Manager extends Emp{
    private double bonus;

    public void setBonus(double bonus) {
        this.bonus = bonus;
    }
    public double getTotalIncome(){
        double income;
        income=getSalary()+bonus;
        return income;
    }
}

public class UseManager {
    public static void main(String[] args) {
        Manager boss=new Manager();
        boss.setData("Ashish",50000.0);
        boss.setBonus(25000.0);
        System.out.println("Manager's name:"+boss.getName());
        System.out.println("Manager's income:"+boss.getTotalIncome());
    }
}

```

Using The Keyword "super"

In Java we have a special keyword called **"super"** which is used by child class for explicitly refering members of parent class. Using "super" becomes compulsory in 2 situations:

1. For calling parent class **constructor** from child class.
2. For handling **method overriding**.

Behaviour of Constructor in Inheritance

```
class A
{
    public A ( )
    {
        SOP("A");
    }
}
```

```
class B extends A
{
    public B ( )
    {
        SOP("B");
    }
}
```

driver

B obj = new B ();