

```
package inheritance;
```

```
public class BasicPay {  
  
    int basePay;  
  
    int deduction;  
  
    int bonus;  
  
    public BasicPay(int basePay, int deduction,int bonus)  
    {  
  
        this.basePay = basePay;  
  
        this.deduction = deduction;  
  
        this.bonus =bonus;  
  
    }  
}
```

```
package inheritance;
```

```
public class Hra extends BasicPay{  
  
    public Hra(int basePay, int deduction, int bonus) {  
  
        super(basePay, deduction, bonus);  
  
        this.getHra();  
  
        this.getPf();  
  
    }  
  
    double hra;
```

```
double pf;

public void getHra()
{

    hra = basePay*0.05;

}

public void getPf()
{

    pf = basePay*0.2;

}

}
```

```
package inheritance;
```

```
public class Salary extends Hra {
```

```
    double totalSalary;
```

```

public Salary(int basePay, int deduction, int bonus) {
    super(basePay, deduction, bonus);
    getTotalSalary();
}

public void getTotalSalary()
{
    this.totalSalary = basePay+bonus+hra-deduction-pf;
}

public void printSalarySlip()
{
    System.out.println("Basic Pay is : " + basePay);
    System.out.println("Deduction is : " + deduction);
    System.out.println("HRA is : " + hra);
    System.out.println("PF is : " + pf);
    System.out.println("Bonus is : " + bonus);
    System.out.println("Total Salary is : " + totalSalary);
}

public static void main(String[] args) {
    int a = Integer.parseInt(args[0]);
    int b = Integer.parseInt(args[1]);
    int c= Integer.parseInt(args[2]);
    Salary s = new Salary(a,b,c);

```

```
s.printSalarySlip();
```

```
}
```

```
}
```