```java
import java.util.Scanner;
class Police {
    Scanner sc=new Scanner(System.in);
    String Name;
    String Gender;
    Police()
    {
        System.out.println("Enter Name: ");
        Name=sc.nextLine();
        System.out.println("Enter Gender: ");
        Gender=sc.nextLine();
    }
    void display()
    {
        System.out.println("Name: "+Name);
        System.out.println("Gender: "+Gender);
    }
}
class Female extends Police{

    String Des;
    String area;
    Female()
    {
        super();
        System.out.println("Enter Designation");
        Des=sc.nextLine();
        System.out.println("Enter area of Posting:");
        area=sc.nextLine();
```

```java
        }
        void display()
        {
            super.display();
            System.out.println("Designation:"+Des);
            System.out.println("Area of Posting:"+area);


        }


    }
    class Male extends Police{

        String Des;
        String area;
        Male()
        {
            super();
            System.out.println("Enter Designation");
            Des=sc.nextLine();
            System.out.println("Enter area of Posting:");
            area=sc.nextLine();
        }
        void display()
        {
            super.display();
            System.out.println("Designation:"+Des);
            System.out.println("Area of Posting:" +area);


        }
```

```java
}
class Law_and_order extends Female
{
    int number_of_case;
    Law_and_order()
    {
        super();
        System.out.println("Enter number of cases of law and order:");
        number_of_case=sc.nextInt();


    }
    void display()
    {
        super.display();
        System.out.println("Number of cases of law and order: "+number_of_case);
        System.out.println("Bonus for crime branch personal is "+(number_of_case*150));
    }
}
class Crime_branch extends Male
{
    int number_of_case;
    Crime_branch()
    {
        super();
        System.out.println("Enter number of cases of law and order:");
        number_of_case=sc.nextInt();


    }
```

```java
    void display()

    {

        super.display();

        System.out.println("Number of cases of law and order: "+number_of_case);

        System.out.println("Bonus for crime branch personal is "+(number_of_case*100));

    }

}

public class Labinternal

{

    public static void main(String args[])

    {

        System.out.println("For law and order-");

        Law_and_order L=new Law_and_order();

        System.out.println();

        System.out.println("For Crime branch-");

        Crime_branch C=new Crime_branch();

        System.out.println();

        System.out.println("For law and order-");

        L.display();

        System.out.println();

        System.out.println("For Crime branch-");

        C.display();

        System.out.println();

        System.out.println("Number of cases for female: "+L.number_of_case);

        System.out.println();

        System.out.println("Number of cases for male: "+C.number_of_case);

    }


}
```

Output:

For law and order-

Enter Name:

Lakshmi shree

Enter Gender:

F

Enter Designation

Sub incpector

Enter area of Posting:

Sigra

Enter number of cases of law and order:

50

For Crime branch-

Enter Name:

Jay Singh

Enter Gender:

M

Enter Designation

Incpecrtor

Enter area of Posting:

Mahmoorgang

Enter number of cases of law and order:

33

For law and order-

Name: Lakshmi shree

Gender: F

Designation:Sub incpector

Area of Posting:Sigra

Number of cases of law and order: 50

Bonus for crime branch personal is 7500

For Crime branch-

Name: Jay Singh

Gender: M

Designation:Incpecrtor

Area of Posting:Mahmoorgang

Number of cases of law and order: 33

Bonus for crime branch personal is 3300

Number of cases for female: 50

Number of cases for male: 33

BUILD SUCCESSFUL (total time: 2 minutes 55 seconds)