

LAB-INTERVAL

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LAB INTERNAL

Q4

```
import java.util.Scanner;
```

```
public class Police {
```

```
    Scanner sc = new Scanner(System.in)
```

```
    String Name;
```

```
    String Gender;
```

```
    Police()
```

```
    {
        System.out.println("Enter Name");
```

```
        Name = sc.next();
```

```
        System.out.println("Enter Gen");
```

```
        Gender = sc.nextnext();
```

```
    }
```

```
    void display()
```

```
    { here display
        System.out.println("Name:" + Name);
```

```
        System.out.println("Gen" + Gender);
```

```
    }
```

```
class Female extends Police {
```

```
    String Des;
```

```
    String area;
```

```
    Female()
```

```
    { super();
```



```
System.out.print("Enter Des' des");
```

```
Des = sc.next();
```

```
System.out.println("Enter area of Posting");
```

```
area = sc.next();
```

```
}
```

```
void display()
```

```
{ super.display();
```

```
System.out.println("Des: " + des);
```

```
System.out.println("Area of posting" + area);
```

```
}
```

```
}
```

```
class Male extends Police {
```

```
String Des;
```

```
String area;
```

```
Male()
```

```
{ super();
```

```
System.out.println("Enter Des");
```

```
Des = sc.nextnext();
```

```
System.out.println("Enter area of posting");
```

```
area = sc.next();
```

```
}
```



```
void display()
```

```
{
```

```
    super.display();
```

```
    System.out.println("Des!" + des);
```

```
    System.out.println("Area of posting"  
                        + area);
```

```
}
```

```
}
```

```
class LanxamdOrder extends Female {
```

```
    int age;
```

```
    int num_of_cases;
```

```
    LanxamdOrder()
```

```
{
```

```
    super();
```

```
    System.out.println("Enter age");
```

```
    age = sc.nextInt();
```

```
    System.out.println("Number of cases");
```

```
    num_of_cases = sc.nextInt();
```

```
}
```

```
void display() {
```

```
    super.display();
```

```
    System.out.println("Age:" + age);
```

```
    System.out.println("Number of cases by
```

```
Female" + num_of_case);
```

```
}
```

class crime_branch extends Male {

int num_of_cases;

crime_branch()

{ super();

System.out.println("Enter no.
of cases");

num_of_cases = sc.nextInt();

}

void display()

{ super.display();

System.out.println("Number of cases
by females " + num_of_cases);

}

}
public class Labinternal {

public static void main(String args[])

{

~~Crime_branch~~

Crime_branch C = new Crime_branch();

C.display();

Law_and_order L = new Law_and_order();

L.display();

}

}