Make a class named movies which has the properties as were given above.

> Sample object batman1 of the class movies has the properties as listed below
>
> batman1
> Name:Batman 1
> Rating: 8
> Money Collection: 200,000
> Profit: 5000
> Lead Actor: John
> Lead Actress: Disha

Make a constructor which takes in five parameters in the order given: rating, money and profit, lead actor name, lead actress name. Inside this constructor also write the code System.out.println("Lead actor has the main role.");

Make another constructor which takes in five parameters in the order given: lead actress name, lead actor name,rating, money and profit, Inside this constructor also write the code System.out.println("Lead actress has the main role.");

Now make an object named Superman1 and give it the parameters 8, 900000,8000, "Rachel Gupta","Disha" in the order mentioned.

Make another object named Superman2 and give it the parameters "Vaani Gupta", "Prince Narula",9, 1900000,28000 in the order mentioned.

Input Format

No inputs are given.

Constraints

There are no constraints.

Output Format

Output will be printed as mentioned in the questions.

```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Movies Superman1 = new Movies( 8, 900000,8000, "Rachel Gupta","Disha");
        Movies Superman2 = new Movies("Vaani Gupta", "Prince Narula",9, 1900000,28000);
    }
}
class Movies{
    String name;
    int rating;
    int moneyCollection;
    int profit;
    String LeadActor;
    String LeadActress;

    public Movies(int rating , int moneyCollection, int profit, String LeadActor , String LeadActress){
        this.rating = rating;
        this.moneyCollection = moneyCollection;
        this.profit = profit;
        this.LeadActor = LeadActor;
        this.LeadActress = LeadActress;
        System.out.println("Lead actor has the main role.");
    }

    public Movies( String LeadActress ,String LeadActor, int rating , int moneyCollection, int profit){
        this.rating = rating;
        this.moneyCollection = moneyCollection;
        this.profit = profit;
        this.LeadActor = LeadActor;
        this.LeadActress = LeadActress;
        System.out.println("Lead actress has the main role.");
    }
}
```

HW-Public Private Property 1_2

Make a class named movies which has the properties as were given above.

All the properties listed above are public.

Now inside this class make two private properties views and likes.

Now make a public method named displayViews, which prints the views of the object.

Now make a public method named displayLikes, which prints the likes of the object.

Now make an object superman1 and assign it the properties upon initialisation

```
Superman 1
Name: Superman 1
Rating: 8
Money Collection: 90000
Profit: 1000
Lead Actor: Rachel Gupta and Prince Narula
Lead Actress: Aarushi
Views:10000
Likes:500
```

Make a new private method named calculateGrade which takes in views and likes as parameters.

```
It calculates the value of finalGrade using the formula,
finalGrade=10*likes + views,
```

Now this function returns the finalGrade value.

Then, make a public method named printGrade which calls the method calculateGrade, and then prints the value finalGrade that is returned by calculateGrade.

So now call the method printGrade for the superman1 object using the dot operator.

Input Format

No input will be given.

Constraints

There are no constraints

Output Format

No output will be given

```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Batman superman1 = new Batman("Superman 1",8,90000,1000,"Rachel Gupta and Prince Narula","Aarushi",10000,500);
        superman1.printGrade();
    }
}
class Batman{
    String name;
    int rating;
    int moneyCollection;
    int profit;
    String LeadActor;
    String LeadActress;
    private int views;
    private int likes;
    int finalgrade;

    public Batman(String name,int rating , int moneyCollection, int profit, String LeadActor , String LeadActress , int views , int likes){
        this.name = name;
        this.rating = rating;
        this.moneyCollection = moneyCollection;
        this.profit = profit;
        this.LeadActor = LeadActor;
        this.LeadActress = LeadActress;
        this.views = views;
        this.likes = likes;
    }

    private int calculateGrade(int views,  int likes){
        finalgrade = 10 * likes+views;
        return finalgrade;
    }

    public void printGrade(){
        finalgrade = calculateGrade(views, likes);
        System.out.print(finalgrade);
    }
}
```