

Emp of

int id;

String name;

static

100

1

no need

Static

Nonstatic

Static void greeting () {
 syso ("Hello");
}

void gun () {
 greeting (); ✓
}

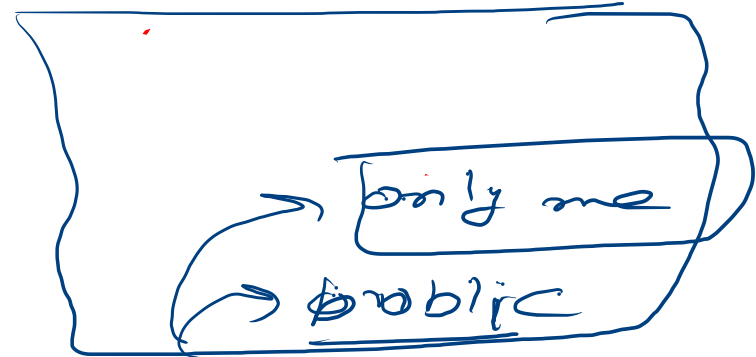
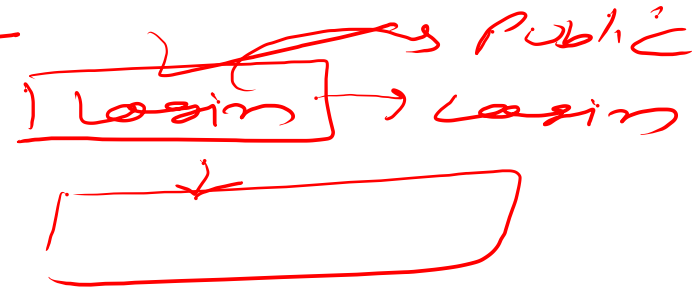
non static
↓
static

Access modifiers

④ → Public ✓
private ✓

protected

default
↓



Packages

+

Protected

Default

Newton

Inheritance

Vehicle

Car

const var

pr

private

ATM card pin

polymorphism

private

1954

Ed- Creeksley

public \rightarrow private

+ KS-02 \rightarrow Lavinsy \rightarrow 140 cr

+ FS-21 \rightarrow

+ FS-12

KS-02 KK = new KS0212;

+ FS-15

KK. ~~on~~

u.

Ed- ~~ten~~

Newton

class KS-02 of
5 or

+ KS-01

+ KS-02

Protected

pack-1

crackster

Educator

Educator Ass

+ class - RS 02

quest

+ class - FS - 11

+ class - RS - 12

+ class - FS - 13

pack-2

Coding School

row

AS - 01

AS - 02

AS - 03

~~micro-X~~

Ed C

EA

pack RS - 02

FS



```
1 import java.io.*;
2 import java.util.*;
3
4 class Movies{
5     public String name;
6     public int rating;
7     public int money;
8     public int profit;
9     public String actor;
10    public String actress;
11    private int views;
12    private int likes;
13
14    Movies(String name, int rating,int money,int profit, String actor, String actress, int views, int likes){
15        this.name = name;
16        this.rating = rating;
17        this.money = money;
18        this.profit = profit;
19        this.actor = actor;
20        this.actress = actress;
21        this.views = views;
22        this.likes = likes;
23    }
24
25    public void displayViews(){
26        System.out.println(views);
27    }
28    public void displayLikes(){
29        System.out.println(likes);
30    }
31 }
```

```
public class Solution {
```

```
    public static void main(String[] args) {
```

```
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solut  
        Movies superma1 = new Movies("Superman 1",8,90000,1000,"Rachel Gupta and Prince Narula","Aarushi",10000,
```

```
        System.out.println(superma1.rating);  
        System.out.println(superma1.money);  
        System.out.println(superma1.profit);  
        System.out.println(superma1.actor);  
        System.out.println(superma1.actress);
```

```
        superma1.displayViews();  
        superma1.displayLikes();
```

```
    }
```

```
}
```


Inheritance

① Real world Project



when we are going
inherit the properties
from one class ^{to} the
class

class vehicle {

speed ();

brake ();

③

class Bike extends vehicle
{

ride (); ✓

}

① Reusability

② Maintainability

____ nas

{

}

Parent {

}

Child {

Room {

Child class

}

____ nas

{

↑
Extend