

```

1 //class Actor with id,name,no_of_movies,no_of_years_exp
2 //calculate average performance
3 //print actor with highest average
4
5 import java.util.Scanner;
6
7 class Actor{
8     int id,no_of_movies,no_of_years_exp;
9     String name;
10    int average;
11    Actor(int s1,String n,int mov,int exp){
12        id = s1;
13        name = n;
14        no_of_movies = mov;
15        no_of_years_exp = exp;
16        average = mov/exp;
17    }
18
19    void display(){
20        System.out.println("Name: "+name+" ID: "+id+" no. of movies: "+no_of_movies+" experience: "+no_of_years_exp+" Average: "+average);
21    }
22
23    public static void main(String[] args){
24        Scanner sc = new Scanner(System.in);
25        int n,i;
26        int s1,mov,exp,max =0;
27        String actor_name,maxActor=" ";
28        System.out.print("How many actor details do you want to enter?: ");
29        n = sc.nextInt();
30        Actor[] a = new Actor[n];
31        for(i=0;i<n;i++){
32
33            System.out.println("Actor "+(i+1));
34
35            System.out.print("Enter name: ");
36            actor_name = sc.next();
37
38            System.out.print("Enter ID: ");
39            s1 = sc.nextInt();
40
41            System.out.print("Enter no of movies: ");
42            mov = sc.nextInt();
43
44            System.out.print("Enter no. of yrs experience: ");
45
46            exp = sc.nextInt();
47            a[i] = new Actor(s1,actor_name,mov,exp);
48        }
49        System.out.println("\nHere are your details:");
50        for(i=0;i<n;i++){
51            a[i].display();
52            if(a[i].average > max){
53                max = a[i].average;
54            }
55        }
56        for(i=0;i<n;i++){
57            if(a[i].average == max)
58                maxActor = a[i].name;
59        }
60        System.out.println("\nActor with max experience: "+maxActor+", "+max+" years");
61    }
62 }

```

Output:

Process started (PID=20456) >>>

How many actor details do you want to enter?: 2

Actor 1

Enter name: Act1

Enter ID: 1

Enter no of movies: 6

Enter no. of yrs experience: 2

Actor 2

Enter name: Act2

Enter ID: 2

Enter no of movies: 8

Enter no. of yrs experience: 2

Here are your details:

Name: Act1 ID: 1 no. of movies: 6 experience: 2 Average: 3

Name: Act2 ID: 2 no. of movies: 8 experience: 2 Average: 4

Actor with max experience: Act2, 4 years

<<< Process finished (PID=20456). (Exit code 0)

===== READY =====