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transpose.java   circle.java   actor.java   sortedarray.java   fullarray_posneq.java   stringcount.java   operators.java

```java
/*Develop a Java program to create a class Actor with id, name, no_of_movies,
no_of_years_exp. Calculate the average_performance for each of the actor and print
the name of the actor with highest average.*/
import java.util.Scanner;
class Actor{
    String id,name;
    int no_of_movies,no_of_years_exp;
    static double highest_avg=0;
    static String high_name;
    double avg_perf;
    Scanner ss=new Scanner(System.in);
    void accept(){
        System.out.println("Enter the actor id:");
        id=ss.next();
        System.out.println("Enter the actor name:");
        name=ss.next();
        System.out.println("Enter the number of movies:");
        no_of_movies=ss.nextInt();
        System.out.println("Enter the number of years of experience:");
        no_of_years_exp=ss.nextInt();
    }
    void avg_performance(){
        avg_perf=no_of_movies/no_of_years_exp;
    }
    void display(){
        System.out.println("Name:"+name);
        System.out.println("ID:"+id);
        System.out.println("Number of movies:"+no_of_movies);
        System.out.println("Number of years of experience:"+no_of_years_exp);
        System.out.println("Average Performance:"+avg_perf);
    }
}
class ActorMain{
    public static void main(String args[]){
        Scanner ss=new Scanner(System.in);
        int i;
        System.out.println("Enter the number of actors:");
        int n=ss.nextInt();
        Actor a[]=new Actor[n];
        for(i=0;i<n;i++){
            a[i]=new Actor();
            System.out.println("--------------Enter the details of actor "+(i+1)+"----------------");
            a[i].accept();
            a[i].avg_performance();
```

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transpose.java   circle.java   actor.java   sortedarray.java   fullarray_posneq.java   stringcount.java   operators.java

```java
14        System.out.println("Enter the actor id:");
15        id=ss.next();
16        System.out.println("Enter the actor name:");
17        name=ss.next();
18        System.out.println("Enter the number of movies:");
19        no_of_movies=ss.nextInt();
20        System.out.println("Enter the number of years of experience:");
21        no_of_years_exp=ss.nextInt();
22    }
23    void avg_performance(){
24        avg_perf=no_of_movies/no_of_years_exp;
25    }
26    void display(){
27        System.out.println("Name:"+name);
28        System.out.println("ID:"+id);
29        System.out.println("Number of movies:"+no_of_movies);
30        System.out.println("Number of years of experience:"+no_of_years_exp);
31        System.out.println("Average Performance:"+avg_perf);
32    }
33 }
34 class ActorMain{
35    public static void main(String args[]){
36        Scanner ss=new Scanner(System.in);
37        int i;
38        System.out.println("Enter the number of actors:");
39        int n=ss.nextInt();
40        Actor a[]=new Actor[n];
41        for(i=0;i<n;i++){
42            a[i]=new Actor();
43            System.out.println("---------------Enter the details of actor "+(i+1)+"---------------");
44            a[i].accept();
45            a[i].avg_performance();
46        }
47        for(i=0;i<n;i++)
48            a[i].display();
49        for(i=0;i<n;i++){
50            if(a[i].avg_perf>Actor.highest_avg){
51                Actor.highest_avg=a[i].avg_perf;
52                Actor.high_name=a[i].name;
53            }
54        }
55        System.out.println("The actor with highest average performance is:"+Actor.high_name);
56    }
57 }
```

Line 26, Column 16   Tab Size: 4   Java

```
Command Prompt
```

C:\Program Files\Java\bin\basic>javac actor.java

C:\Program Files\Java\bin\basic>java ActorMain
Enter the number of actors:
2
--------------Enter the details of actor 1----------------
Enter the actor id:
hdhsdf3
Enter the actor name:
harsh
Enter the number of movies:
34
Enter the number of years of experience:
10
--------------Enter the details of actor 2----------------
Enter the actor id:
hsff7
Enter the actor name:
kush
Enter the number of movies:
20
Enter the number of years of experience:
18
Name:harsh
ID:hdhsdf3
Number of movies:34
Number of years of experience:10
Average Performance:3.0
Name:kush
ID:hsff7
Number of movies:20
Number of years of experience:18
Average Performance:1.0
The actor with highest average performance is:harsh

C:\Program Files\Java\bin\basic>