```java
package com.company;
import java.util.Scanner;
class Actor{
    Scanner s=new Scanner(System.in);
    String id,name;
    int no_of_movies,no_of_years_exp;
    void accept(){
        System.out.println("Actor id:");
        id=s.nextLine();
        System.out.println("Actor name:");
        name=s.nextLine();
        System.out.println("Number of movies:");
        no_of_movies=s.nextInt();
        System.out.println("Number of years of experience:");
        no_of_years_exp=s.nextInt();
    }
    float calculate_average_performance(){
        return (float)(no_of_movies)/no_of_years_exp;
    }
}
public class Week6_3 {
    public static void main(String[] args){
        Scanner s=new Scanner(System.in);
        int n,i;
        String high_average;
        System.out.println("Enter the number of actors:");
        n=s.nextInt();
```

```java
public class Week6_3 {
    public static void main(String[] args){
        Scanner s=new Scanner(System.in);
        int n,i;
        String high_average;
        System.out.println("Enter the number of actors:");
        n=s.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();
        }
        float max=a[0].calculate_average_performance();
        high_average=a[0].name;
        for (i=0;i<n;i++){
            if (a[i].calculate_average_performance()>max){
                max=a[i].calculate_average_performance();
                high_average=a[i].name;
            }
        }
        System.out.println("The actor with the highest average performance:"+high_average);
    }
}
```

```
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...
Enter the number of actors:
2

Enter the details of actor1
Actor id:
12
Actor name:
Ranbir
Number of movies:
5
Number of years of experience:
2

Enter the details of actor2
Actor id:
34
Actor name:
Varun
Number of movies:
8
Number of years of experience:
4

The actor with the highest average performance:Ranbir

Process finished with exit code 0
```