

actor - Notepad

File Edit Format View Help

```
/*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 name;  
    String id;  
    int no_of_movies;  
    int no_of_years_exp;  
    double avg;  
    static double havg=0;  
    static String hname;  
    void getDetails(){  
        Scanner ss =new Scanner(System.in);  
        System.out.println("\t-----\nEnter Name of Actor: ");  
        name = ss.nextLine();  
        System.out.println("Enter ID of Actor: ");  
        id = ss.nextLine();  
        System.out.println("Number of movies done by Actor: ");  
        no_of_movies =ss.nextInt();  
        System.out.println("Number of years Actor worked for: ");  
        no_of_years_exp =ss.nextInt();  
    }  
    void Calculate(){  
        avg = no_of_movies/no_of_years_exp;  
        if(avg>havg){  
            havg = avg;  
            hname = name;  
        }  
    }  
    void display(){  
        System.out.println("\nActor with highest average: "+hname);  
    }  
}
```

Ln 50, Col 2

100%

Windows (CRLF)

UTF-8



Type here to search



10:57

20-10-2020

```
System.out.println("\t-----\nEnter Name of Actor: ");
name = ss.nextLine();
System.out.println("Enter ID of Actor: ");
id = ss.nextLine();
System.out.println("Number of movies done by Actor: ");
no_of_movies = ss.nextInt();
System.out.println("Number of years Actor worked for: ");
no_of_years_exp = ss.nextInt();
}
void Calculate(){
    avg = no_of_movies/no_of_years_exp;
    if(avg>havg){
        havg = avg;
        hname = name;
    }
}
void display(){
    System.out.println("\nActor with highest average: "+hname);
}
}
class Actormain{
    public static void main(String args[]){
        Scanner sc =new Scanner(System.in);
        System.out.println("Enter the number of Actors: ");
        int n = sc.nextInt();
        Actor ac[] = new Actor[n];
        for(int i=0;i<n;i++){
            ac[i] = new Actor();
            ac[i].getDetails();
            ac[i].Calculate();
        }
        ac[1].display();
    }
}
```



circle - Notepad

File Edit Format View Help

```
import java.util.Scanner;
class CircleDemo
{
    Scanner sc=new Scanner(System.in);
    double radius,area,perimeter;
    final double pi = 3.14;

    void accept()
    {
        System.out.println("Enter the radius of the circle:");
        radius=sc.nextDouble();
    }

    void calculatearea()
    {
        area = pi*radius*radius;
    }

    void calculateperimeter()
    {
        perimeter = 2*pi*radius;
    }

    void display()
    {
        System.out.println("Area of the circle is :"+area);
        System.out.println("Perimeter of the circle is:"+perimeter);
    }

    public static void main(String args[])
    {
        CircleDemo obj1 = new CircleDemo();
        obj1.accept();
        obj1.calculatearea();
        obj1.calculateperimeter();
        obj1.display();
    }
}
```

Ln 1, Col 1

100%

Windows (CRLF)

UTF-8



Type here to search



10:58
20-10-2020



```
{  
  
    System.out.println("Enter the radius of the circle:");  
    radius=sc.nextDouble();  
}  
  
void calculatearea()  
{  
    area = pi*radius*radius;  
}  
  
void calculateperimeter()  
{  
    perimeter = 2*pi*radius;  
}  
  
void display()  
{  
    System.out.println("Area of the circle is :"+area);  
    System.out.println("Perimeter of the circle is:"+perimeter);  
}  
  
public static void main(String args[])  
{  
    CircleDemo obj1 = new CircleDemo();  
    obj1.accept();  
    obj1.calculatearea();  
    obj1.calculateperimeter();  
    obj1.display();  
}  
}
```



```
import java.util.Scanner;
class MatrixTranspose
{
    public static void main(String args[])
    {
        int i, j;
        System.out.println("Enter total rows and columns: ");
        Scanner sc = new Scanner(System.in);
        int row = sc.nextInt();
        int column = sc.nextInt();
        int array[][] = new int[row][column];
        System.out.println("Enter matrix:");
        for(i = 0; i < row; i++)
        {
            for(j = 0; j < column; j++)
            {
                array[i][j] = sc.nextInt();
                System.out.print(" ");
            }
        }

        System.out.println("The above matrix after Transpose is ");
        for(i = 0; i < column; i++)
        {
            for(j = 0; j < row; j++)
            {
                System.out.print(array[j][i]+" ");
            }
            System.out.println(" ");
        }
    }
}
```



Command Prompt

```
C:\Users\Nikita\Desktop\OOJ_LAB>javac actor.java
```

```
C:\Users\Nikita\Desktop\OOJ_LAB>java Actormain
```

```
Enter the number of Actors:
```

```
2
```

```
-----
```

```
Enter Name of Actor:
```

```
a
```

```
Enter ID of Actor:
```

```
1
```

```
Number of movies done by Actor:
```

```
10
```

```
Number of years Actor worked for:
```

```
2
```

```
-----
```

```
Enter Name of Actor:
```

```
b
```

```
Enter ID of Actor:
```

```
2
```

```
Number of movies done by Actor:
```

```
15
```

```
Number of years Actor worked for:
```

```
3
```

```
Actor with highest average: a
```

```
C:\Users\Nikita\Desktop\OOJ_LAB>
```



Type here to search



ENG

10:59

20-10-2020



Command Prompt

C:\Users\Nikita\Desktop\OOJ_LAB>java MatrixTranspose

Enter total rows and columns:

3

3

Enter matrix:

1

2

3

4

5

6

7

8

9

The above matrix after Transpose is

1 4 7

2 5 8

3 6 9

C:\Users\Nikita\Desktop\OOJ_LAB>java CircleDemo

Enter the radius of the circle:

3

Area of the circle is :28.259999999999998

Perimeter of the circle is:18.84

C:\Users\Nikita\Desktop\OOJ_LAB>



Type here to search



ENG

11:01

20-10-2020

