```java
import java.util.Scanner;

class BookMyshow {

    private String move_name;
    private String thetre_name;

    private int cost;

    void movies() {

        System.out.println("the movies
        System.out.println(" 1.Sahoo --



    }

}

class thea extends BookMyshow {
private int no_f_tickets;
    void th() {
        System.out.println("*******the
        int k;
        int an;
        Scanner sc = new Scanner(System
        int n = sc.nextInt();
        if (n == 1) {
            System.out.println("*******
            System.out.println("*******
            System.out.println("movie a
            Scanner a = new Scanner(Sys
```

× Terminal ⧉

```
Author:T.krishna teja
SAP ID:51834696
1.list of movies and their prices
2.access and book tickets through thea
```

```java
import java.util.*;

public class Main {

    static int factorial(int a)
    {
        int res = 1;
        for (int m = 2; m <= a; m++)
        res *= m;
        return res;
    }

    static double sum(int a)
    {
        double sum = 0;
        for (int m = 1; m <= a; m++)
            sum += 1.0/factorial(m);
        return sum;
    }

    public static void main (String[] ar
    {
        System.out.println("Author:T.kri
        int a = 5;
        System.out.println(sum(a));
    }
}
```

Terminal

```
Author:T.krishna teja
SAP ID:51834696
1.7166666666666668

Process finished.
```

```java
import java.util.*;

public class Main
{

    static int summation(int a)
    {
        System.out.println("Author:T.kri
        int sum = 0, y = 1;
        for (int x = 1; x <= a; x++)
        {
            sum = sum + y;
            y = (y * 10) + 1;
        }

        return sum;
    }

    public static void main(String args[
    {
        int a = 5;
        System.out.println(summation(a))
    }
}
```

Terminal

```
Author:T.krishna teja
SAP ID:51834696
12345
Process finished.
```

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