```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:Asa v
        int a = 5;
        System.out.println(sum(a));
    }
}
```

× Terminal

Author:Asa venkatsai
SAP ID:51834542
1.716666666666668
Process finished.

```java
1   import java.util.*;
2
3   public class Main
4   {
5
6       static int summation(int a)
7       {
8           System.out.println("Author:Asa v
9           int sum = 0, y = 1;
10          for (int x = 1; x <= a; x++)
11          {
12              sum = sum + y;
13              y = (y * 10) + 1;
14          }
15
16          return sum;
17      }
18
19      public static void main(String args[
20      {
21          int a = 5;
22          System.out.println(summation(a))
23      }
24  }
```

× Terminal

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12345

Edit with WPS Office

Process finished.

```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
```

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