```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[] args)
    {
        System.out.println("Author:B.Srinu\nSAP
        int a = 5;
        System.out.println(sum(a));
    }
}
```

✕   Terminal

Author:B.Srinu
SAP ID:51834552
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:B.Srinu\nSAP
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

Process finished.
```

```java
1    import java.util.Scanner;
2
3    class BookMyshow {
4
5        private String move_name;
6        private String thetre_name;
7
8        private int cost;
9
10       void movies() {
11
12           System.out.println("the movies availabl
13           System.out.println(" 1.Sahoo -------- R
14
15
16       }
17
18   }
19
20   class thea extends BookMyshow {
21   private int no_f_tickets;
22       void th() {
23           System.out.println("*******the theaters
24           int k;
25           int an;
26           Scanner sc = new Scanner(System.in);
27           int n = sc.nextInt();
28           if (n == 1) {
29               System.out.println("*******Jagadamb
30               System.out.println("*******select a
31               System.out.println("movie available
32               Scanner a = new Scanner(System.in);
33               int o = a.nextInt();
34               if (o == 1) {
35                   System.out.println("Sahoo movie
36                   System.out.println("enter the n
37                   Scanner j = new Scanner(System.
```

✕   Terminal   🗗

```
Author:B.Srinu
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1.list of movies and their prices
2.acces and book tickets through theaters
1
the movies available are
 1 Sahoo          Rs 180
```