

```

1  import java.util.Scanner;
2
3  class sritickets {
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 available");
13         System.out.println(" 1.Sahoo ----- Rs");
14
15     }
16 }
17
18
19
20 class sri extends sritickets {
21 private int no_f_tickets;
22     void th() {
23         System.out.println("**the theaters avail");
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("**Jagadamba thea");
30             System.out.println("**select a movie");
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 nu");
37                 Scanner j = new Scanner(System.in);
38                 int r = j.nextInt();
39                 int left= no_f_tickets-r;
40                 int unt=180*r;
41                 System.out.println("to con");
42                 Scanner d = new Scanner(Sy

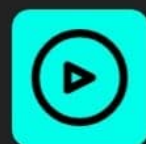
```



```

35     System.out.println("Sahoo movie @ kaurnya
36     System.out.println("enter the number of t
37     Scanner j = new Scanner(System.in);
38     int r = j.nextInt();
39     int left= no_f_tickets-r;
40     int amount=180*r;
41     System.out.println("to continue to book f
42     Scanner d = new Scanner(System.in);
43     int h = d.nextInt();
44     System.out.println("\n\n\n");
45     if (h == 1) {
46         System.out.println("*****
47         System.out.println("theater -----
48         System.out.println("movie -----
49         System.out.println("cost -----
50         System.out.println("*****
51     }
52
53 }
54 if (o == 2) {
55     System.out.println("Dil Bechara @Jagadamba
56     System.out.println("enter the number of
57     Scanner j = new Scanner(System.in);
58     int r = j.nextInt();
59     int left= no_f_tickets-r;
60     int amount=150*r;
61     System.out.println("to continue to book f
62     Scanner d = new Scanner(System.in);
63     int h = d.nextInt();
64     System.out.println("\n\n\n");
65     if (h == 1) {
66         System.out.println("*****
67         System.out.println("theater -----
68         System.out.println("movie -----
69         System.out.println("cost -----
70         System.out.println("*****
71     }
72
73 }

```




```

66         System.out.println("*****");
67         System.out.println("theater -----");
68         System.out.println("movie -----");
69         System.out.println("cost -----");
70         System.out.println("*****");
71     }
72
73 }
74
75
76 : (n == 2) {
77     System.out.println("***Melody theater**");
78     System.out.println("***select a movie**");
79     System.out.println("movie available are \n 3.");
80     Scanner b = new Scanner(System.in);
81     int p = b.nextInt();
82     Scanner a = new Scanner(System.in);
83     int o = a.nextInt();
84     if (o == 1) {
85         System.out.println("Extraction movie @ Me");
86         System.out.println("enter the number of");
87         Scanner j = new Scanner(System.in);
88         int r = j.nextInt();
89         int left= no_f_tickets-r;
90         int amount=190*r;
91         System.out.println("to continue to book fo");
92         Scanner d = new Scanner(System.in);
93         int h = d.nextInt();
94         System.out.println("\n\n\n");
95         if (h == 1) {
96             System.out.println("*****");
97             System.out.println("theater -----");
98             System.out.println("movie -----");
99             System.out.println("cost -----");
100            System.out.println("*****");
101        }
102
103    }
104    if (o == 2) {
105        System.out.println("Ala vaikuntapuramalo");
106        System.out.println("enter the number");
107        Scanner j = new Scanner(System.in);
108        int r = j.nextInt();

```



```

104         if (o == 2) {
105             System.out.println("Ala vaikunta");
106             System.out.println("enter the r");
107             Scanner j = new Scanner(System.in);
108             int r = j.nextInt();
109             int left= no_f_tickets-r;
110             int amount=200*r;
111             System.out.println("to continue");
112             Scanner d = new Scanner(System.in);
113             int h = d.nextInt();
114             System.out.println("\n\n\n");
115             if (h == 1) {
116                 System.out.println("*****");
117                 System.out.println("theater");
118                 System.out.println("movie --");
119                 System.out.println("cost ---");
120                 System.out.println("*****");
121             }
122         }
123     }
124 }
125
126 }
127 }
128
129 public class Main {
130
131     public static void main(String[] args) {
132         sritickets ob = new sritickets();
133
134         sritickets[] moviename = new sritickets[2];
135         moviename[0] = ob;
136         sri a = new sri();
137         moviename[1] = a;
138
139         System.out.println("K.Durga sri sravya s");
140         System.out.println("1.list of movies and");
141
142         Scanner d = new Scanner(System.in);
143         h = d.nextInt();
144         ch (h) {
145             case 1: {

```



```
125
126     }
127 }
128
129 public class Main {
130
131     public static void main(String[] args) {
132         sritickets ob = new sritickets();
133
134         sritickets[] moviename = new sritickets[
135         moviename[0] = ob;
136         sri a = new sri();
137         moviename[1] = a;
138
139         System.out.println("K.Durga sri sravya s
140         System.out.println("1.list of movies and
141
142         Scanner d = new Scanner(System.in);
143         int h = d.nextInt();
144         switch (h) {
145             case 1: {
146                 ob.movies();
147                 break;
148             }
149             case 2: {
150
151                 a.th();
152             }
153         }
154     }
155 }
156
157 }
158
```





```
K.Durga sri sravya SAPID:51836473
1.list of movies and their prices
2.acces and book tickets through theaters
1
the movies available are
 1.Sahoo ----- Rs.180
 2.DIl Bechara - Rs.150
 3.Extraction ---- Rs.190
 4.Ala Vaikuntapuramlo ----- Rs.200

Process finished.
```

```
1 import java.util.*;
2
3 public class Main {
4
5     static int factorial(int a)
6     {
7         int res = 1;
8         for (int m = 2; m <= a; m++)
9             res *= m;
10        return res;
11    }
12
13    static double sum(int a)
14    {
15        double sum = 0;
16        for (int m = 1; m <= a; m++)
17            sum += 1.0/factorial(m);
18        return sum;
19    }
20
21    public static void main (String[] args)
22    {
23        System.out.println("K.Durga sri sravya SA");
24        int a = 5;
25        System.out.println(sum(a));
26    }
27 }
28
```

× Terminal



```
K.Durga sri sravya SAPID:51836473
1.716666666666666668
```

```
Process finished.
```

```
1 import java.util.*;
2
3 public class Main
4 {
5
6     static int summation(int a)
7     {
8         System.out.println("K.Durga sri sravya SAPID:51836473
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 }
25
26
```

× Terminal



```
K.Durga sri sravya SAPID:51836473
12345
```

```
Process finished.
```