

```

1  import java.util.Scanner;
2
3  class Justtickets {
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 a
13         System.out.println(" 1.Gabbar singh -----
14
15
16     }
17
18 }
19
20 class thea extends Justtickets {
21     private int no_f_tickets;
22     void th() {
23         System.out.println("*****the theaters av
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("*****uv celoloic
30             System.out.println("*****select a mc
31             System.out.println("movie available ar
32             Scanner a = new Scanner(System.in);
33             int o = a.nextInt();
34             if (o == 1) {
35                 System.out.println("Gabbar singh n
36                 System.out.println("enter the numk
37                 Scanner j = new Scanner(System.in)
38                 int r = j.nextInt();
39                 int left= no_f_tickets-r;
40                 int amount=120*r;
41                 System.out.println("to continue to
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("*****

```



```

35         System.out.println("Gabbbar singh n
36         System.out.println("enter the numk
37         Scanner j = new Scanner(System.in)
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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("mr.been @sai k
56         System.out.println("enter the nun
57         Scanner j = new Scanner(System.in)
58         int r = j.nextInt();
59         int left= no_f_tickets-r;
60         int amount=110*r;
61         System.out.println("to continue to
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     }
74
75 }
76 if (n == 2) {
77     System.out.println("*****theater****
78     System.out.println("*****select a mc
79     System.out.println("movie available ar
80     Scanner b = new Scanner(System.in);
81     int m = b.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     }
74
75 }
76 if (n == 2) {
77     System.out.println("*****theater****");
78     System.out.println("*****select a movie****");
79     System.out.println("movie available are:");
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");
86         System.out.println("enter the number");
87         Scanner j = new Scanner(System.in);
88         int r = j.nextInt();
89         int left = no_of_tickets - r;
90         int amount = 100 * r;
91         System.out.println("to continue to");
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("jai @sai karthik");
106        System.out.println("enter the number");
107        Scanner j = new Scanner(System.in);
108        int r = j.nextInt();
109        int left = no_of_tickets - r;

```



```
93 Scanner d = new Scanner(System.in);
94 int h = d.nextInt();
95 System.out.println("\n\n\n");
96 if (h == 1) {
97     System.out.println("*****");
98     System.out.println("theater -");
99     System.out.println("movie ---");
100    System.out.println("cost ----");
101    System.out.println("*****");
102 }
103 }
104 if (o == 2) {
105     System.out.println("jai @sai karti");
106     System.out.println("enter the nu");
107 }
```

```

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         Justtickets ob = new Justtickets();
133
134         Justtickets[] moviename = new Justtickets[10];
135         moviename[0] = ob;
136         thea a = new thea();
137         moviename[1] = a;
138
139         System.out.println("name:-G.sravan\nsapid:");
140         System.out.println("1.list of movies and t");
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 }

```



```
name:-G.sravan
sapid:-51834566
1.list of movies and their prices
2.acces and book tickets through theaters
2
*****the theaters available are*****
1.uv celoloids
2.sai karthik
1
*****uv celoloids*****
*****select a movie*****
movie available are
1.Gabbar singh
2.mr.been
1
Gabbar singh movie @ kaurnya theater
enter the number of tickets to be booked
3
to continue to book for this movie prees 1
1

*****
theater ----- uv celoloids theater
movie ----- Gabbar singh
cost ----- Rs.360
*****
```

```
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("name:-G.sravan\nsapid:-
24         int a = 6;
25         System.out.println(sum(a));
26     }
27 }
```

✕ Terminal



```
name:-G.sravan
sapid:-51834566
1.7180555555555557
```

Process finished.

```
1  import java.util.*;
2
3  public class Main
4  {
5
6      static int summation(int a)
7      {
8          System.out.println("ne:-G.sravan\nsapid:-51834566");
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



```
ne:-G.sravan
sapid:-51834566
12345
```

Process finished.