

```
import java.util.Scanner;
```

```
class BookMyshow {
```

```
    private String movie_name;  
    private String theatre_name;
```

```
    private int cost;
```

```
    void movies() {
```

```
        System.out.println("the movies available are");
```

```
        System.out.println("1.Sahoo -----");
```

```
    }
```

```
}
```

```
class thea extends BookMyshow {
```

```
    private int no_of_tickets;
```

```
    void th() {
```

```
        System.out.println("*****the theatre name is");
```

```
        int k;
```

```
        int an;
```

```
        Scanner sc = new Scanner(System.in);
```

```
        int n = sc.nextInt();
```

```
        if (n == 1) {
```

```
            System.out.println("*****Jagadamba*****");
```

```
            System.out.println("*****select the movie*****");
```

```
            System.out.println("movie available are");
```

```
            Scanner a = new Scanner(System.in);
```

```
            int o = a.nextInt();
```

```
            if (o == 1) {
```

```
                System.out.println("Sahoo movie is available");
```

```
                System.out.println("enter the number of tickets");
```

```
                Scanner j = new Scanner(System.in);
```

```
                int r = j.nextInt();
```

```
                int left = no_of_tickets - r;
```

```
                int amount = 40 * r;
```

```
                System.out.println("to continue press 1");
```

```
                Scanner d = new Scanner(System.in);
```

```
                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 = 50 * r;
61     System.out.println("to continue to book");
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 (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 @ M");
86         System.out.println("enter the number of");

```



```

5         if (h == 1) {
6             System.out.println("*****");
7             System.out.println("theater ---");
8             System.out.println("movie -----");
9             System.out.println("cost -----");
10            System.out.println("*****");
11        }
12
13    }
14    if (o == 2) {
15        System.out.println("Dil Bechara @Ja");
16        System.out.println("enter the numb");
17        Scanner j = new Scanner(System.in);
18        int r = j.nextInt();
19        int left = no_f_tickets - r;
20        int amount = 50 * r;
21        System.out.println("to continue to ");
22        Scanner d = new Scanner(System.in);
23        int h = d.nextInt();
24        System.out.println("\n\n\n");
25        if (h == 1) {
26            System.out.println("*****");
27            System.out.println("theater ---");
28            System.out.println("movie -----");
29            System.out.println("cost -----");
30            System.out.println("*****");
31        }
32    }
33
34    }
35
36    }
37
38    }
39
40    }
41
42    }
43
44    }
45
46    }
47
48    }
49
50    }
51
52    }
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54    }
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56    }
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58    }
59
60    }
61
62    }
63
64    }
65
66    }
67
68    }
69
70    }
71
72    }
73
74    }
75
76    }
77    if (n == 2) {
78        System.out.println("*****Melody theate");
79        System.out.println("*****select a mov");
80        System.out.println("movie available are");
81        Scanner b = new Scanner(System.in);
82        int p = b.nextInt();
83        Scanner a = new Scanner(System.in);
84        int o = a.nextInt();
85        if (o == 1) {
86            System.out.println("Extraction movie");
87            System.out.println("enter the numb");
88            Scanner j = new Scanner(System.in);
89            r = j.nextInt();
90            left = no_f_tickets - r;

```

```

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         BookMyshow ob = new BookMyshow();
133
134         BookMyshow[] moviename = new BookMyshow[2];
135         moviename[0] = ob;
136         thea a = new thea();
137         moviename[1] = a;
138
139         System.out.println("Author:B.Naveen kumar");
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

```



Author:B.Naveen kumar

SAP ID:51834547

- 1.list of movies and their prices
- 2.acces and book tickets through theaters

2

*****the theaters available are*****

- 1.Jagadamba th
- 2.Melody th

1

*****Jagadamba theater*****

*****select a movie*****

movie available are

- 1.Sahoo
- 2.Dil Bechara

1

Sahoo movie @ kaurnya theater

enter the number of tickets to be booked

2

to continue to book for this movie prees 1

1

```
*****
theater ----- Jagadamba thea
movie ----- Sahoo
cost ----- Rs.80
*****
```

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("Author: B.Naveen kumar");
24         int a = 5;
25         System.out.println(sum(a));
26     }
27 }
```

Author: B.Naveen kumar

SAP ID: 51834547

1.7166666666666666668

Process finished.

```
import java.util.*;

public class Main
{
    static int summation(int a)
    {
        System.out.println("Author: B.Naveen kumar");
        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));
    }
}
```


Author: B. Naveen kumar
SAP ID: 51834547
12345

Process finished.

JAVA_QUIZ_DAY_11

Attempts allowed: 1

This quiz opened at Thursday, 30 July
2020, 3:00 PM

This quiz will close at Thursday, 30 July
2020, 5:00 PM

Time limit: 30 mins



SUMMARY OF YOUR PREVIOUS ATTEMPTS

	Marks /	Grade /	
State	20.00	10.00	Review
Finished	14.00	7.00	
Submitted			
Thursday, 30 July 2020, 3:58 PM			