

```

113         int n = 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         Adityatickets ob = new Adityatickets();
133
134         Adityatickets[] moviename = new Adityati
135         moviename[0] = ob;
136         sruju a = new sruju();
137         moviename[1] = a;
138
139         System.out.println("Author:K.Anushka \nS
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 }

```



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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
- 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("Author:K.Anushka \nSAP ID:51834579");
24         int a = 5;
25         System.out.println(sum(a));
26     }
27 }
```

✕ Terminal



```
Author:K.Anushka
SAP ID:51834579
1.71666666666666668
```

Process finished.

```
1  import java.util.*;
2
3  public class Main
4
5
6      static int summation(int a)
7      {
8          System.out.println("Author:K.Anushka\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



```
Author:K.Anushka
SAP ID:51834579
12345
```

```
Process finished.
```