

```

hcl1.java
Saved

//question 1/
import java.util.Scanner;

class BookMyshow {

    private String movie_name;
    private String theatre_name;

    private int cost;

    void movies() {

        System.out.println("movies playing bow");
        System.out.println("1.vakeel saab ----- Rs.190 \n 2.Dil
    }

}

class thea extends BookMyshow {
    private int no_f_tickets;

    void th() {
        System.out.println("*****the theaters available are*****");
        int k;
        int an;
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        if (n == 1) {
            System.out.println("*****Jagadamba theater*****");
            System.out.println("*****select a movie*****");
            System.out.println("movie available are \n 1.Sahoo \n 2.
            Scanner a = new Scanner(System.in);
            int o = a.nextInt();
            if (o == 1) {
                System.out.println("Sahoo movie @ kaurnya theater");
                System.out.println("enter the number of tickets to
                Scanner j = new Scanner(System.in);
                int r = j.nextInt();
                int left= no_f_tickets-r;
                int amount=40*r;
                System.out.println("to continue to book for this mov
                Scanner d = new Scanner(System.in);
                int h = d.nextInt();
                System.out.println("\n\n");
                if (h == 1) {
                    System.out.println("*****
                    System.out.println("theater -----
                    System.out.println("movie -----
                    System.out.println("cost -----
                    System.out.println("*****
                }
            }
            if (o == 2) {
                System.out.println("Dil Bechara @Jagadamba theater");
                System.out.println("enter the number of tickets to
                Scanner j = new Scanner(System.in);
                int r = j.nextInt();
                int left= no_f_tickets-r;
                int amount=50*r;
                System.out.println("to continue to book for this mov
                Scanner d = new Scanner(System.in);
                int h = d.nextInt();
                System.out.println("\n\n");
                if (h == 1) {
                    System.out.println("*****
                    System.out.println("theater -----
                    System.out.println("movie -----
                    System.out.println("cost -----
                    System.out.println("*****
                }
            }
        }
        if (n == 2) {
            System.out.println("*****Melody theater*****");
            System.out.println("*****select a movie*****");
            System.out.println("movie available are \n 3.Extraction
            Scanner b = new Scanner(System.in);
            int p = b.nextInt();
            Scanner a = new Scanner(System.in);
            int o = a.nextInt();
            if (o == 1) {
                System.out.println("Extraction movie @ Melody theate
                System.out.println("enter the number of tickets to
                Scanner j = new Scanner(System.in);
                int r = j.nextInt();
                int left= no_f_tickets-r;
                int amount=60*r;
                System.out.println("to continue to book for this mov
                Scanner d = new Scanner(System.in);
                int h = d.nextInt();
                System.out.println("\n\n");
                if (h == 1) {
                    System.out.println("*****
                    System.out.println("theater -----
                    System.out.println("movie -----
                    System.out.println("cost -----
                    System.out.println("*****
                }
            }
            if (o == 2) {
                System.out.println("Fun little @Melody theater");
                System.out.println("enter the number of tickets to
                Scanner j = new Scanner(System.in);
                int r = j.nextInt();
                int left= no_f_tickets-r;
                int amount=70*r;
                System.out.println("to continue to book for this mov
                Scanner d = new Scanner(System.in);
                int h = d.nextInt();
                System.out.println("\n\n");
                if (h == 1) {
                    System.out.println("*****
                    System.out.println("theater -----
                    System.out.println("movie -----
                    System.out.println("cost -----
                    System.out.println("*****
                }
            }
        }
    }

}

public class Main {

    public static void main(String[] args) {
        BookMyshow ob = new BookMyshow();

        BookMyshow[] moviename = new BookMyshow[?];
        moviename[0] = ob;
        thea a = new thea();
        moviename[1] = a;

        System.out.println("Author:ch.madhu.sai\nSAP ID:51834527");
        System.out.println("1.list of movies and their prices\n2.acce

        Scanner d = new Scanner(System.in);
        int h = d.nextInt();
        switch (h) {
            case 1: {
                ob.movies();
                break;
            }
            case 2: {
                a.th();
            }
        }
    }

}

```



Terminal



```
Author:ch.madhu sai
SAP ID:51834527
1.list of movies and their prices
2.acces and book tickets through theaters
1
movies playing bow
1.vakeel saab ----- Rs.190
2.DIl Bechara - Rs.150
3.upena---- Rs.180
4. penguin ----- Rs.150

Process finished.
```



hcl.java

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```
1 // question 4//
2 import java.util.Scanner;
3
4 public class Main {
5
6     static int factorial(int a)
7     {
8         int res = 1;
9         for (int m = 2; m <= a; m++)
10             res *= m;
11         return res;
12     }
13
14     static double sum(int a)
15     {
16         double sum = 0;
17         for (int m = 1; m <= a; m++)
18             sum += 1.0/factorial(m);
19         return sum;
20     }
21
22     public static void main (String[] args)
23     {
24         System.out.println("Author:ch.madhu sai\nSAP ID:51834527");
25         int a = 5;
26         System.out.println(sum(a));
27     }
28 }
```



Terminal



```
Author:ch.madhu sai  
SAP ID:51834527  
1.7166666666666668
```

```
Process finished.
```



hcl.java

Saved



```
1 // question 5//
2 import java.util.Scanner;
3
4 public class Main
5 {
6
7     static int summation(int a)
8     {
9         System.out.println("Author:ch.madhu sai\nSAP ID:51834527");
10        int sum = 0, y = 1;
11        for (int x = 1; x <= a; x++)
12        {
13            sum = sum + y;
14            y = (y * 10) + 1;
15        }
16
17        return sum;
18    }
19
20    public static void main(String args[])
21    {
22        int a = 5;
23        System.out.println(summation(a));
24    }
25 }
```



Terminal



```
Author:ch.madhu sai  
SAP ID:51834527  
12345
```

# 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

State	Marks	Grade	Review
	/ 20.00	/ 10.00	
Finished	14.00	7.00	
Submitted Thursday, 30 July 2020, 3:35 PM			

YOUR FINAL GRADE FOR  
THIS QUIZ IS 7.00/10.00.

No more attempts are allowed

[Back to the course](#)