

Computer Project (2017-18)



Booking Movie Tickets



BY:-

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Acknowledgement

This project would not have been possible without the guidance and the help of several individuals who in one way or another contributed and extended their valuable assistance in the preparation and completion of this study.

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Introduction

This is to meet the Internal Assessment requirements of ICSE 2017-2018 “Computer Applications” paper. Apart from this, it is a great learning experience too. This project is a Java application which generates a procedure for Booking a movie ticket. I choose this topic because this gives a good acquaintance with the pattern and the standard of programming questions in the board exam. Some aspects covered in this project are:-

- Menu driven programming,
- Looping,
- Processing Strings,
- Scanner class; and
- Concluding programs with a glossary.

Apart from this theoretical scripting of a program, this project actually coerces us to edit, compile, debug, and run our application. Many syntactical and practical program issues are implicitly understood while accomplishing the assignment.

Also being a real program it is easy to access and is kept simple.

Synopsis

Project aims & objectives

The purpose of the program is to automate manual system by the help of computerized equipments and full-fledged computer software fulfilling their requirements, so the data can be used for a longer time with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

The program can be error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping .thus it helps organization in better utilization of resources.

The main aim is to automate its manual system by the help of computerized equipments and fully fledged computer software, fulfilling their requirements so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the people.

The main objective of the program is to manage the details of snacks, item category, customer and order. It manages all the information. It keeps a track of the order details(tickets).

Advantages

Java offers higher cross-functionality and portability as programs written in one platform can run across desktops, mobiles, embedded systems.

Java is free, simple, object oriented, distributed, supports multithreading and offers multimedia and network support.

Java is a mature language, therefore more stable and predictable. The java Class Library enables cross platform development.

Being highly popular at enterprise, embedded and network level, Java has a large active user community and support available.

Unlike C and C++, Java programs are compiled independent of platform in byte code language which allows the same program to run on any machine that has a JVM installed.

Java has powerful development tools like Eclipse SDK and NetBeans which have debugging capability and offer integrated development environment.

Increasing language diversity, evidenced by compatibility of Java with Scala, Groovy, JRuby and Clojure.

Relatively seamless forward compatibility from one version to the next.

Algorithm

Step 1:

The person is first asked to enter his current city in caps.

<<< SELECT YOUR CURRENT CITY >>>

~~~~~

\*\* BANGALORE CHANDIGARH DELHI HYDERABAD

MUMBAI KOLKATA \*\*

### Step 2:

The person is then asked to select his category to watch the movie.

<<< SELECT YOUR CATAGORY TO WATCH THE  
MOVIE >>>

~~~~~

** 1.HAL DELHI CLASSIC CINEMAS **

** 2.HAL DELHI SUPER CLASSIC CINEMAS **

Step 3:

After selecting his choice the person is asked to select his desired date for seeing the movie.

<<< SELECT YOUR DATE FOR THE MOVIE >>>

~~~~~

~~~~~

- ** 1. THURSDAY, 26 APRIL [2017] **
- ** 2. FRIDAY, 27 APRIL [2017] **
- ** 3. SATURDAY, 28 APRIL [2017] **
- ** 4. SUNDAY, 29 APRIL [2017] **
- ** 5. MONDAY, 30 APRIL [2017] **
- ** 6. TUESDAY, 01 MAY [2017] **
- ** 7. WEDNESDAY, 02 MAY [2017] **

Step 4:

Then the person is asked to enter the number of tickets to be booked.

<<< PLEASE ENTER THE NUMBER OF TICKETS >>>

~~~~~

~~~~~

ENTER THE NUMBER OF TICKETS :

Step 5:

The person is then asked to select his movie from the given list.

<<< MOVIE SELECTION >>>

***** NOW SHOWING

MOVIE NAME	RATING	LANGUAGE	SHOW TIMINGS
------------	--------	----------	--------------

DANGAL	A	HINDI	01:00pm,9:15pm
--------	---	-------	----------------

FAST AND FURIOUS 8	U/A	ENGLISH	
--------------------	-----	---------	--

06:15pm

A CHRISTMAS CAROL	U	ENGLISH	
-------------------	---	---------	--

03:20pm

NOOR	U/A	HINDI	06:15pm,9:20pm
------	-----	-------	----------------

SMURFS	U/A	ENGLISH	
--------	-----	---------	--

12:45pm,1:05pm,3:20pm,9:05pm

NAAM SHABANA	U	HINDI	
--------------	---	-------	--

10:30am,12:45pm,1:05pm

BAHUBALI 2	U	TELUGU	
------------	---	--------	--

12:15pm,9:45pm

RAAJAKUMARA	U	KANNADA	
-------------	---	---------	--

10:00am,12:15pm

SIVALINGA	U	TAMIL	
-----------	---	-------	--

01:00pm,4:05pm

CHAKRAVARTI	U	KANNADA	
01:20pm			
BEAUTY AND THE BEAST	U	ENGLISH	
01:20pm			
TAMIL 24	U	TAMIL	06:15pm
RAKSHADHIKARI BAIJU	U/A	MALAYALAM	
11:00am			
ALL THE BEST	U	HINDI	03:40pm
KATAMARAYADU	U	TELUGU	
01:20pm			
JULIE AND JULIA	U	HINDI	10:00 am
CHOWKA	U	KANNADA	04:00 pm
GURU	U	TELUGU	03:20pm
RAGA	U/A	KANNADA	09:00pm

Step 6:

The person is then asked to collect his/her bill/ticket which contains the amount to be paid and the seat number/s.

Step 7:

Then the person is asked to enter 'Q' to quit buying tickets.

***** THANK YOU FOR BUYING TICKETS

***** HAVE A GREAT DAY

TO QUIT BUYING TICKETS ENTER 'Q'

Step 8:

Then the person is asked if he /she want to cancel ticker or to skip this process.

<<< CANCELLATION OF TICKETS >>>

~~~~~

~~~~~

1. TO CANCEL TICKET

2. TO SKIP PROCESS

ENTER YOUR CHOICE NUMBER :2

** YOU HAVE CHOOSSEN NOT TO CANCEL THE

TICKETS **

** THANK YOU **

Documentation

Class **Booking_movietickets**

java.lang.Object

Booking_movietickets

```
public class Booking_movietickets extends
java.lang.Object
```

Constructor Summary

[Booking_movietickets](#) ()

Method Summary

static void	<u>cancel</u> ()
static void	<u>main</u> (java.lang.String[] args)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass,
hashCode, notify, notifyAll, toString,
wait, wait, wait

Constructor Detail

Booking_movietickets

```
public Booking_movietickets()
```

Method Detail

cancel

```
public static void cancel()  
                    throws
```

```
java.lang.Exception
```

Throws:

```
java.lang.Exception
```

main

```
public                static                void  
main(java.lang.String[] args)
```

```
throws
```

```
java.lang.Exception
```

Throws:

```
java.lang.Exception
```

Project Code

```

/**
 * Project name:Booking Movie Tickets
 * By:Suhas.S
 * Class:10 B
 */

import java.io.*;

public class Booking_movietickets
{
    public static void main(String args[])throws Exception
    {
        BufferedReader      br=new      BufferedReader(new
        InputStreamReader(System.in));

        String  title="*****WELCOME  TO  HAL
        CINEMA*****";

        String list[]=new String[19];//for Storing Movie names.

        list[0]="DANGAL";list[1]="FAST  AND  FURIOUS  8";list[2]="A
        CHRISTMAS
        CAROL";list[3]="NOOR";list[4]="SMURFS";list[5]="NAAM
        SHABANA";
    }
}

```

```
list[6]="BAHUBALI
2";list[7]="RAAJAKUMARA";list[8]="SIVALINGA";list[9]="CHA
KRAVARTI";list[10]="BEAUTY          AND          THE
BEAST";list[11]="TAMIL 24";
```

```
list[12]="RAKSHADHIKARI      BAIJU";list[13]="ALL      THE
BEST";list[14]="KATAMARAYADU";list[15]="JULIE      AND
JULIA";list[16]="CHOWKA";
```

```
list[17]="GURU";list[18]="RAGA";
```

```
String city[]=new String[6];//for Storing City names.
```

```
city[0]="BANGALORE";city[1]="CHANDIGARH";city[2]="DELHI
";city[3]="HYDERABAD";city[4]="MUMBAI";city[5]="KOLKATA
";
```

```
String cityN,movie,size;//declaration of String variables
```

```
String ans="Q";String ans1="Q";
```

```
int
```

```
flag=0,flag1=0,flag2=0,flag3=0,flag4=0,catg,quantity,date,fd;
```

```
int tot_fd=1,tot_d,d,ch;//declaration of Integer variables
```

```
do
```

```
{
```

```
System.out.println();
```

```
System.out.println(title);
```



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

```
System.out.println();
```

```
System.out.println("<<< SELECT YOUR CURRENT CITY >>>");
```

```
do
```

```
{
```

```
if(flag>0)
```

```
System.out.println("** INVALID INPUT ! TRY AGAIN **");
```

```
System.out.println("~~~~~
~~~~~");
```

```
System.out.println("** BANGALORE CHANDIGARH DELHI
HYDERABAD MUMBAI KOLKATA **");
```

```
System.out.println();
```

```
System.out.print("ENTER THE CORRECT CITY NAME FOR
YOUR CHOICE :");
```

```
cityN=br.readLine();
```

```
for(int i=0;i<6;i++)
```

```
{
```

```
if(city[i].equalsIgnoreCase(cityN))
{
    flag=0;
    break;
}
else
    flag++;
}
}while(flag!=0);

System.out.println("\f");//to clear the screen for next
window

System.out.println(title);

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

System.out.println("<<<  SELECT  YOUR  CATAGORY  TO
WATCH THE MOVIE >>>");

do
{
```

```

System.out.println("~~~~~
~~~~~");

    System.out.println("*** 1.HAL "+cityN+" CLASSIC CINEMAS
**");

    System.out.println("*** 2.HAL "+cityN+" SUPER CLASSIC
CINEMAS **");

    System.out.println();

    System.out.print("ENTER THE CORRECT CATEGORY
NUMBER FOR YOUR CHOICE :");

    catg=Integer.parseInt(br.readLine());

    if((catg==1) || (catg==2))

        flag1=0;

    else

    {

        System.out.println("*** INVALID INPUT *** PLEASE TRY
AGAIN");

        flag1++;

    }

}while(flag1!=0);

System.out.println(title);

```

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

```
System.out.println("\f");//to clear the screen for next
window
```

```
System.out.println(title);
```

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

```
System.out.println();
```

```
System.out.println("<<< INFORMATION >>>");
```

```
System.out.println("~~~~~
~~~~~");
```

```
System.out.println(" ! MOBILE AND INTERNET BOOKING IS
ALSO AVAILABLE !");
```

```
System.out.println("FOR          MOBILE          BOOKING
CONTACT==411288598 FROM YOUR MOBILE");
```

```
System.out.println("          ** PREMIUM RATES AAPLY **");
```

```
System.out.println("FOR   INTERNATE   BOOKING   VISIT:
http://www.halcinemas.com");
```

```
System.out.println();
```

```
System.out.println("** CATCH THE LATEST MOVIES AT HAL
CINEMAS NEAR YOU **");
```

```
System.out.println("~~~~~
~~~~~");
```

```
System.out.println();
```

```
System.out.println("<<< SELECT YOUR DATE FOR THE
MOVIE >>>");
```

```
do
```

```
{
```

```
System.out.println("~~~~~
~~~~~");
```

```
System.out.println("** 1. THURSDAY, 26 APRIL [2017] **");
```

```
System.out.println("** 2. FRIDAY, 27 APRIL [2017] **");
```

```
System.out.println("** 3. SATURDAY, 28 APRIL [2017] **");
```

```
System.out.println("** 4. SUNDAY, 29 APRIL [2017] **");
```

```
System.out.println("** 5. MONDAY, 30 APRIL [2017] **");
```

```
System.out.println("** 6. TUESDAY, 01 MAY [2017] **");
```

```
System.out.println("** 7. WEDNESDAY,02 MAY [2017]
**");
```

```
System.out.println();
```

```
System.out.print("ENTER THE CORRECT NUMBER FOR  
YOUR SELECTED DATE :");  
  
date=Integer.parseInt(br.readLine());  
  
if((date>=1)&&(date<=7))  
  
    flag2=0;  
  
else  
  
    {  
  
        System.out.println("*** INVALID INPUT *** PLEASE TRY  
AGAIN");  
  
        flag2++;  
  
    }  
  
}while(flag2!=0);  
  
System.out.println("\f");//to clear the screen for next  
window  
  
System.out.println(title);  
  
System.out.println("*****  
*****");  
  
System.out.println("<<< PLEASE ENTER THE NUMBER OF  
TICKETS >>>");
```

```
System.out.println("~~~~~  
~~~~~");
```

```
System.out.print("ENTER THE NUMBER OF TICKETS :");  
quantity=Integer.parseInt(br.readLine());
```

```
System.out.println("~~~~~  
~~~~~");
```

```
System.out.println("\f");//to clear the screen for next  
window
```

```
System.out.println(title);
```

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

```
if(catg==1)
```

```
{
```

```
System.out.println("<<< MOVIE SELECTION >>>");
```

```
do
```

```
{
```

```
if(flag3>0)
```

```
System.out.println("*** INVALID INPUT *** PLEASE TRY  
AGAIN");
```

```
System.out.println("***** NOW  
SHOWING *****");
```

```
System.out.println("MOVIE NAME          RATING  
LANGUAGE  SHOW TIMINGS");
```

```
System.out.println();
```

```
System.out.println("DANGAL          A      HINDI  
01:00pm,9:15pm");
```

```
System.out.println("FAST AND FURIOUS 8      U/A  
ENGLISH  06:15pm");
```

```
System.out.println("A CHRISTMAS CAROL      U  
ENGLISH  03:20pm");
```

```
System.out.println("NOOR          U/A      HINDI  
06:15pm,9:20pm");
```

```
System.out.println("SMURFS          U/A  
ENGLISH  12:45pm,1:05pm,3:20pm,9:05pm");
```

```
System.out.println("NAAM SHABANA      U  
HINDI    10:30am,12:45pm,1:05pm");
```

```
System.out.println("BAHUBALI 2      U      TELUGU  
12:15pm,9:45pm");
```

```
System.out.println("RAAJAKUMARA      U  
KANNADA   10:00am,12:15pm");
```

```
System.out.println("SIVALINGA      U      TAMIL  
01:00pm,4:05pm");
```


System.out.println("CHAKRAVARTI
KANNADA 01:20pm"); U

System.out.println("BEAUTY AND THE BEAST
ENGLISH 01:20pm"); U

System.out.println("TAMIL 24 U TAMIL
06:15pm");

System.out.println("RAKSHADHIKARI BAIJU U/A
MALAYALAM 11:00am");

System.out.println("ALL THE BEST U HINDI
03:40pm");

System.out.println("KATAMARAYADU U
TELUGU 01:20pm");

System.out.println("JULIE AND JULIA U HINDI
10:00 am");

System.out.println("CHOWKA U
KANNADA 04:00 pm");

System.out.println("GURU U TELUGU
03:20pm");

System.out.println("RAGA U/A
KANNADA 09:00pm");

System.out.println();

System.out.print("ENTER THE NAME OF YOUR SELECTED
MOVIE :");

```
movie=br.readLine();
for(int i=0;i<19;i++)
{
    if(list[i].equalsIgnoreCase(movie))
    {
        flag3=0;
        break;
    }
    else
        flag3++;
}
}while(flag3!=0);
System.out.println();
System.out.println("<<< PLEASE COLLECT YOUR BILL >>>");

System.out.println("~~~~~
~~~~~");

System.out.println("Movie Selected :"+movie);
System.out.println("The Total Cost is Rs. "+(quantity*110));
System.out.print("Your Seat Number/s is/ are ");
```

```

for(int i=1;i<=quantity;i++)
{
    System.out.print(17+i+" ");
}
System.out.println();
}
if(catg==2)
{
    System.out.println("<<< MOVIE SELECTION >>>");
do
{
    if(flag3>0)
        System.out.println("*** INVALID INPUT *** PLEASE TRY AGAIN");

    System.out.println("***** NOW SHOWING *****");

    System.out.println("MOVIE NAME                RATING
LANGUAGE   SHOW TIMINGS");

    System.out.println();

    System.out.println("DANGAL                A        HINDI
01:00pm,9:15pm");

```

System.out.println("FAST AND FURIOUS 8 U/A
ENGLISH 06:15pm");

System.out.println("A CHRISTMAS CAROL U
ENGLISH 03:20pm");

System.out.println("NOOR U/A HINDI
06:15pm,9:20pm");

System.out.println("SMURFS U/A
ENGLISH 12:45pm,1:05pm,3:20pm,9:05pm");

System.out.println("NAAM SHABANA U
HINDI 10:30am,12:45pm,1:05pm");

System.out.println("BAHUBALI 2 U TELUGU
12:15pm,9:45pm");

System.out.println("RAAJAKUMARA U
KANNADA 10:00am,12:15pm");

System.out.println("SIVALINGA U TAMIL
01:00pm,4:05pm");

System.out.println("CHAKRAVARTI U
KANNADA 01:20pm");

System.out.println("BEAUTY AND THE BEAST U
ENGLISH 01:20pm");

System.out.println("TAMIL 24 U TAMIL
06:15pm");

```

        System.out.println("RAKSHADHIKARI BAIJU          U/A
MALAYALAM  11:00am");

```

```

        System.out.println("ALL THE BEST          U          HINDI
03:40pm");

```

```

        System.out.println("KATAMARAYADU          U
TELUGU    01:20pm");

```

```

        System.out.println("JULIE AND JULIA          U          HINDI
10:00 am");

```

```

        System.out.println("CHOWKA          U
KANNADA    04:00 pm");

```

```

        System.out.println("GURU          U          TELUGU
03:20pm");

```

```

        System.out.println("RAGA          U/A
KANNADA    09:00pm");

```

```

        System.out.println();

```

```

        System.out.println();

```

```

        System.out.print("ENTER THE NAME OF YOUR SELECTED
MOVIE :");

```

```

        movie=br.readLine();

```

```

        for(int i=0;i<19;i++)

```

```

        {

```

```

            if((i==2) || (i==9) || (i==12) || (i==16))

```

```
i++;  
if(list[i].equalsIgnoreCase(movie))  
{  
    flag3=0;  
    break;  
}  
else  
    flag3++;  
}  
}while(flag3!=0);  
System.out.println();  
System.out.println("<<< PLEASE COLLECT YOUR BILL >>>");  
  
System.out.println("~~~~~  
~~~~~");  
  
System.out.println("Movie Selected :"+movie);  
System.out.println("The Total Cost is Rs. "+(quantity*200));  
System.out.print("Your Seat Number/s is/ are ");  
for(int i=1;i<=quantity;i++)  
{
```

```

        System.out.print(135+i+" ");

    }

    System.out.println();

}

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

    System.out.println("*****      THANK    YOU    FOR
BUYING TICKETS *****");

    System.out.println("*****      HAVE A GREAT DAY
*****");

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

    System.out.println("TO QUIT BUYING TICKETS ENTER 'Q'");

    ans=br.readLine();

    System.out.println("\f");//to clear the screen for next
window

    System.out.println(title);

```

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

```
System.out.println();
```

```
System.out.println("<<< CANCELLATION OF TICKETS >>>");
```

```
do
```

```
{
```

```
System.out.println("~~~~~
~~~~~");
```

```
System.out.println("1. TO CANCEL TICKET");
```

```
System.out.println("2. TO SKIP PROCESS");
```

```
System.out.print("ENTER YOUR CHOICE NUMBER :");
```

```
ch=Integer.parseInt(br.readLine());
```

```
if(ch==1)
```

```
{
```

```
System.out.println("YOU HAVE CHOOSSEN TO CANCEL THE
TICKETS");
```

```
flag4=0;
```

```
cancel();
```

```
}
```



```

else if(ch==2)
{
    System.out.println("** YOU HAVE CHOSEN NOT TO
CANCEL THE TICKETS **");

    System.out.println("        ** THANK YOU **");

    flag4=0;
}

else
{
    System.out.println(" ### INVALID CHOICE ###");

    flag4++;
}

}while(flag4!=0);
}while(ans1.equalsIgnoreCase("Q")!=true);
}

```

```

public static void cancel() throws Exception
{
    BufferedReader br = new BufferedReader (new
InputStreamReader(System.in));

```

```

int date,catg,quantity,seat_no,flag1=0,flag2=0;

String movie,shw_time;

System.out.println("***  TODAYS   DATE:   8,MAY[FRIDAY]
2017");

System.out.println("*** TIME: 5:00pm");

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

System.out.println("YOU  CANNOT  CANCEL  YOUR  TICKETS
FOR ANY SHOW BEFORE THIS TIMING");

System.out.println("<<< SELECT YOUR CATEGORY TO CANCEL
TICKETS >>>");

do

{

System.out.println("~~~~~
~~~~~");

System.out.println("** 1.HAL CLASSIC CINEMAS **");

System.out.println("** 2.HAL SUPER CLASSIC CINEMAS **");

System.out.println();

System.out.print("ENTER THE CORRECT CATEGORY NUMBER
FOR YOUR CHOICE :");

```

```
catg=Integer.parseInt(br.readLine());  
if((catg==1)|| (catg==2))  
    flag1=0;  
else  
{  
    System.out.println("*** INVALID INPUT *** PLEASE TRY  
AGAIN");  
    flag1++;  
}  
}while(flag1!=0);  
  
System.out.println("\f");//to clear the screen for next  
window  
  
switch(catg)  
{  
  
    case 1:  
  
        System.out.println("*****          HAL    CLASSIC  
CINEMAS *****");  
  
        System.out.println();  
  
        System.out.println("<<<  SELECT  YOUR  DATE  FOR  
CANCELLATION >>>");  
  
        do
```

```

{

System.out.println("~~~~~
~~~~~");

    System.out.println("** 1. THURSDAY, 26 APRIL [2017] **");
    System.out.println("** 2. FRIDAY, 27 APRIL [2017] **");
    System.out.println("** 3. SATURDAY, 28 APRIL [2017] **");
    System.out.println("** 4. SUNDAY, 29 APRIL [2017] **");
    System.out.println("** 5. MONDAY, 30 APRIL [2017] **");
    System.out.println("** 6. TUESDAY, 01 MAY [2017] **");
    System.out.println("** 7. WEDNESDAY,02 MAY [2017]
**");

    System.out.println();

    System.out.print("ENTER THE CORRECT NUMBER FOR
YOUR SELECTED DATE :");

    date=Integer.parseInt(br.readLine());

    if((date>=1)&&(date<=7))

        flag2=0;

    else

        {

```

```
System.out.println("*** INVALID INPUT *** PLEASE TRY AGAIN");
```

```
flag2++;
```

```
}
```

```
}while(flag2!=0);
```

```
System.out.println("PLEASE ENTER THE NAME OF THE MOVIE YOU WOULD LIKE TO CANCEL");
```

```
movie=br.readLine();
```

```
System.out.println("PLEASE ENTER THE SHOW TIMINGS");
```

```
shw_time=br.readLine();
```

```
System.out.println("PLEASE ENTER THE QUANTITY OF TICKETS");
```

```
quantity=Integer.parseInt(br.readLine());
```

```
System.out.println("PLEASE ENTER THE SEAT NUMBER");
```

```
seat_no=Integer.parseInt(br.readLine());
```

```
System.out.println();
```

```
System.out.println("YOUR TICKETS HAVE BEEN SUCCESSFULLY CANCELLED");
```

```
break;
```

```
case 2:
```

```
System.out.println("***** HAL SUPER CLASSIC
CINEMAS *****");
```

```
System.out.println();
```

```
System.out.println("<<<  SELECT  YOUR  DATE  FOR
CANCELLATION >>>");
```

```
do
```

```
{
```

```
System.out.println("~~~~~
~~~~~");
```

```
System.out.println("** 1. THURSDAY, 26 APRIL [2017] **");
```

```
System.out.println("** 2. FRIDAY, 27 APRIL [2017] **");
```

```
System.out.println("** 3. SATURDAY, 28 APRIL [2017] **");
```

```
System.out.println("** 4. SUNDAY, 29 APRIL [2017] **");
```

```
System.out.println("** 5. MONDAY, 30 APRIL [2017] **");
```

```
System.out.println("** 6. TUESDAY, 01 MAY [2017] **");
```

```
System.out.println("** 7. WEDNESDAY,02 MAY [2017]
**");
```

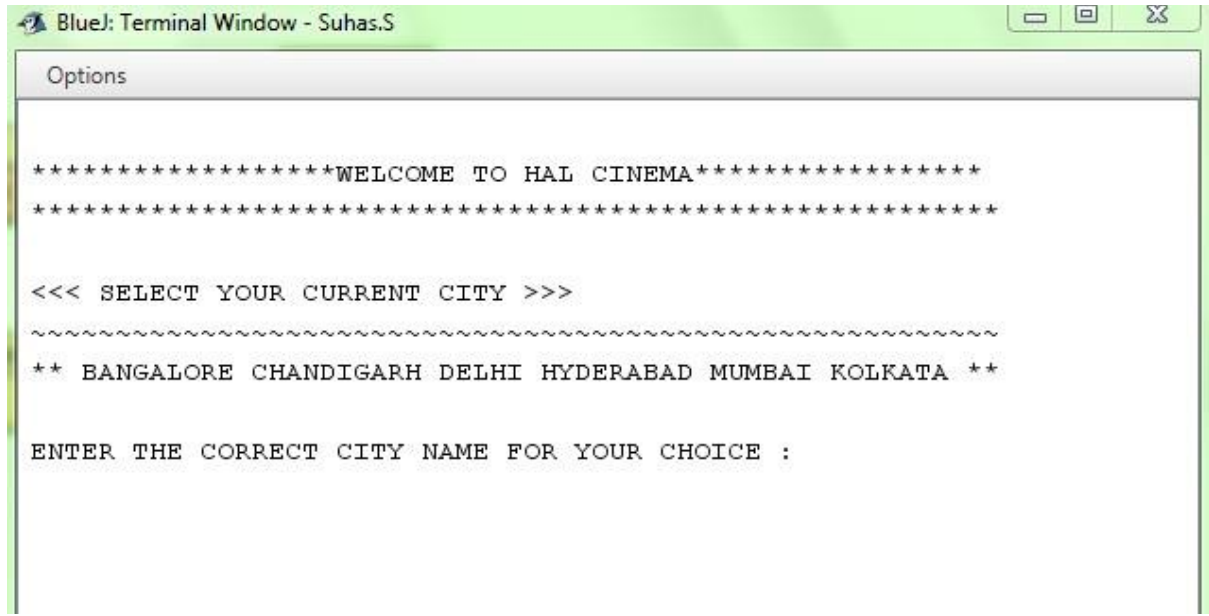
```
System.out.println();
```

```
System.out.print("ENTER THE CORRECT NUMBER FOR
YOUR SELECTED DATE :");
```

```
date=Integer.parseInt(br.readLine());  
if((date>=1)&&(date<=7))  
    flag2=0;  
else  
{  
    System.out.println("*** INVALID INPUT *** PLEASE TRY  
AGAIN");  
    flag2++;  
}  
}while(flag2!=0);  
date=Integer.parseInt(br.readLine());  
System.out.println("PLEASE ENTER THE NAME OF THE  
MOVIE YOU LIKE TO CANCEL");  
movie=br.readLine();  
System.out.println("PLEASE ENTER THE SHOW TIMINGS");  
shw_time=br.readLine();  
System.out.println("PLEASE ENTER THE QUANTITY OF  
TICKETS");  
quantity=Integer.parseInt(br.readLine());  
System.out.println("PLEASE ENTER THE SEAT NUMBER");  
seat_no=Integer.parseInt(br.readLine());
```

```
System.out.println();  
  
System.out.println("YOUR    TICKETS    HAVE    BEEN  
SUCCESSFULLY CANCELLED");  
  
break;  
  
}  
  
}  
  
}
```


Output Windows



```

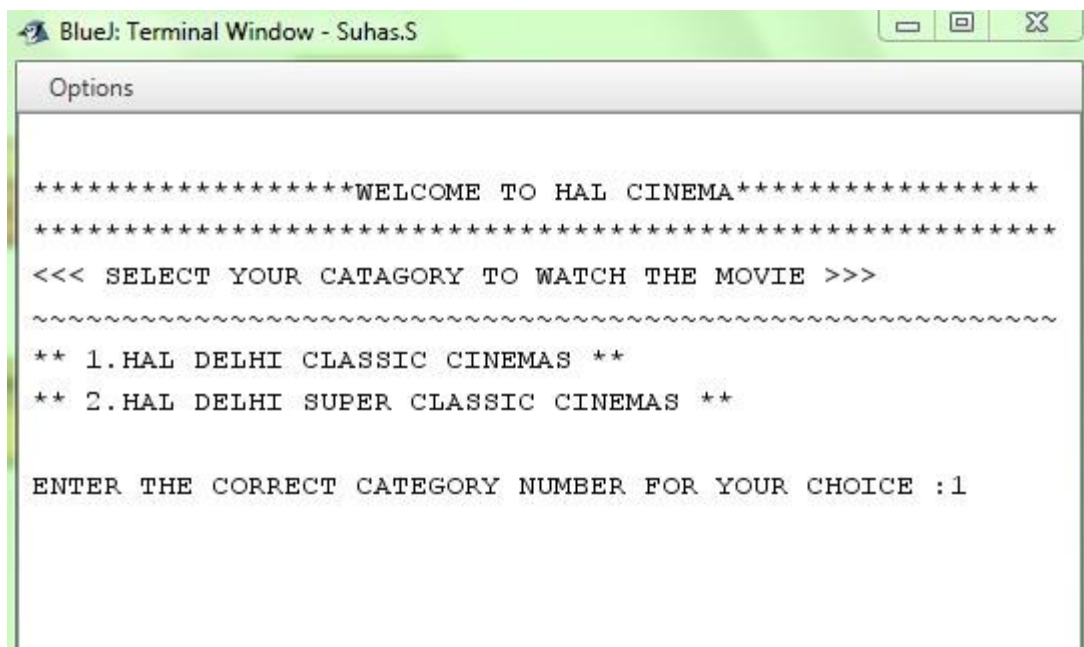
BlueJ: Terminal Window - Suhas.S
Options
*****WELCOME TO HAL CINEMA*****
*****

<<< SELECT YOUR CURRENT CITY >>>
~~~~~
** BANGALORE CHANDIGARH DELHI HYDERABAD MUMBAI KOLKATA **

ENTER THE CORRECT CITY NAME FOR YOUR CHOICE :

```

Select your current city.



```

BlueJ: Terminal Window - Suhas.S
Options
*****WELCOME TO HAL CINEMA*****
*****

<<< SELECT YOUR CATAGORY TO WATCH THE MOVIE >>>
~~~~~
** 1.HAL DELHI CLASSIC CINEMAS **
** 2.HAL DELHI SUPER CLASSIC CINEMAS **

ENTER THE CORRECT CATEGORY NUMBER FOR YOUR CHOICE :1

```

Select your category.

```

BlueJ: Terminal Window - Suhas.S

Options

*****WELCOME TO HAL CINEMA*****
*****

<<< INFORMATION >>>
~~~~~
! MOBILE AND INTERNET BOOKING IS ALSO AVAILABLE !
FOR MOBILE BOOKING CONTACT==411288598 FROM YOUR MOBILE
    ** PREMIUM RATES AAPLY **
FOR INTERNATE BOOKING VISIT:http://www.halcinemas.com

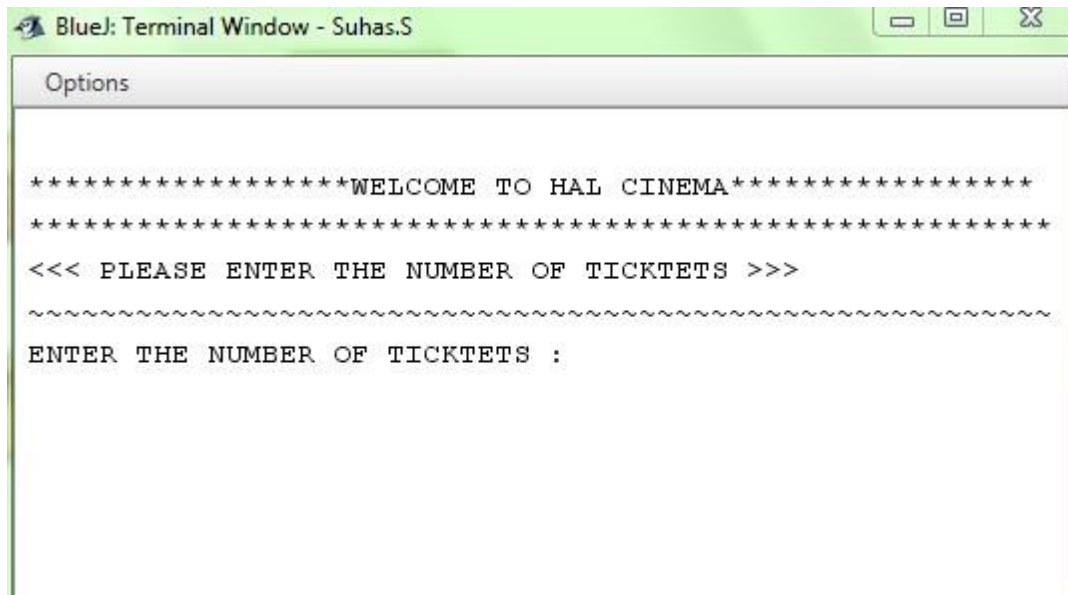
** CATCH THE LATEST MOVIES AT HAL CINEMAS NEAR YOU **
~~~~~

<<< SELECT YOUR DATE FOR THE MOVIE >>>
~~~~~
** 1. THURSDAY, 26 APRIL [2017] **
** 2. FRIDAY, 27 APRIL [2017] **
** 3. SATURDAY, 28 APRIL [2017] **
** 4. SUNDAY, 29 APRIL [2017] **
** 5. MONDAY, 30 APRIL [2017] **
** 6. TUESDAY, 01 MAY [2017] **
** 7. WEDNESDAY,02 MAY [2017] **

ENTER THE CORRECT NUMBER FOR YOUR SELECTED DATE :

```

Select your movie date.



The screenshot shows a BlueJ Terminal Window titled "BlueJ: Terminal Window - Suhas.S". The window contains a Java application with the following text:

```
Options

*****WELCOME TO HAL CINEMA*****
*****
<<< PLEASE ENTER THE NUMBER OF TICKTETS >>>
~~~~~
ENTER THE NUMBER OF TICKTETS :
```

Enter the number of tickets.

```

BlueJ: Terminal Window - Suhas.S
Options
<<< MOVIE SELECTION >>>
***** NOW SHOWING *****
MOVIE NAME                RATING    LANGUAGE    SHOW TIMINGS
DANGAL                    A          HINDI       01:00pm, 9:15pm
FAST AND FURIOUS 8        U/A       ENGLISH     06:15pm
A CHRISTMAS CAROL         U          ENGLISH     03:20pm
NOOR                      U/A       HINDI       06:15pm, 9:20pm
SMURFS                   U/A       ENGLISH     12:45pm, 1:05pm
NAAM SHABANA             U          HINDI       10:30 am, 12:45p
BAHUBALI 2               U          TELUGU      12:15pm, 9:45pm
RAAJAKUMARA              U          KANNADA     10:00 am, 12:15
SIVALINGA                U          TAMIL       01:00pm, 4:05pm
CHAKRAVARTI              U          KANNADA     01:20pm
BEAUTY AND THE BEAST     U          ENGLISH     01:20pm
TAMIL 24                 U          TAMIL       06:15pm
RAKSHADHIKARI BAIJU      U/A       MALAYALAM   11:00 am
ALL THE BEST             U          HINDI       03:40pm
KATAMARAYADU            U          TELUGU      01:20pm
JULIE AND JULIA          U          HINDI       10:00 am
CHOWKA                   U          KANNADA     04:00 pm
GURU                     U          TELUGU      03:20pm
RAGA                     U/A       KANNADA     09:00pm

ENTER THE NAME OF YOUR SELECTED MOVIE :

```

Select your movie to watch.

```

ENTER THE NAME OF YOUR SELECTED MOVIE :FAST AND FURIOUS 8

<<< PLEASE COLLECT YOUR BILL >>>
~~~~~
Movie Selected :FAST AND FURIOUS 8
The Total Cost is Rs. 330
Your Seat Number/s is/ are 18 19 20
*****
***** THANK YOU FOR BUYING TICKETS *****
***** HAVE A GREAT DAY *****
*****
TO QUIT BUYING TICKETS ENTER 'Q'

```

Your bill is to be displayed and you should enter Q to quit.

```
<<< CANCELLATION OF TICKETS >>>
```

```
~~~~~
```

```
1. TO CANCEL TICKET
```

```
2. TO SKIP PROCESS
```

```
ENTER YOUR CHOICE NUMBER :
```

You will have to select your choice from above.

```
<<< CANCELLATION OF TICKETS >>>
```

```
~~~~~
```

```
1. TO CANCEL TICKET
```

```
2. TO SKIP PROCESS
```

```
ENTER YOUR CHOICE NUMBER :1
```

```
YOU HAVE CHOSEN TO CANCEL THE TICKETS
```

```
*** TODAYS DATE: 8,MAY[FRIDAY] 2017
```

```
*** TIME: 5:00pm
```

```
*****
```

```
YOU CANNOT CANCEL YOUR TICKETS FOR ANY SHOW BEFORE THIS TIMING
```

```
<<< SELECT YOUR CATEGORY TO CANCEL TICKETS >>>
```

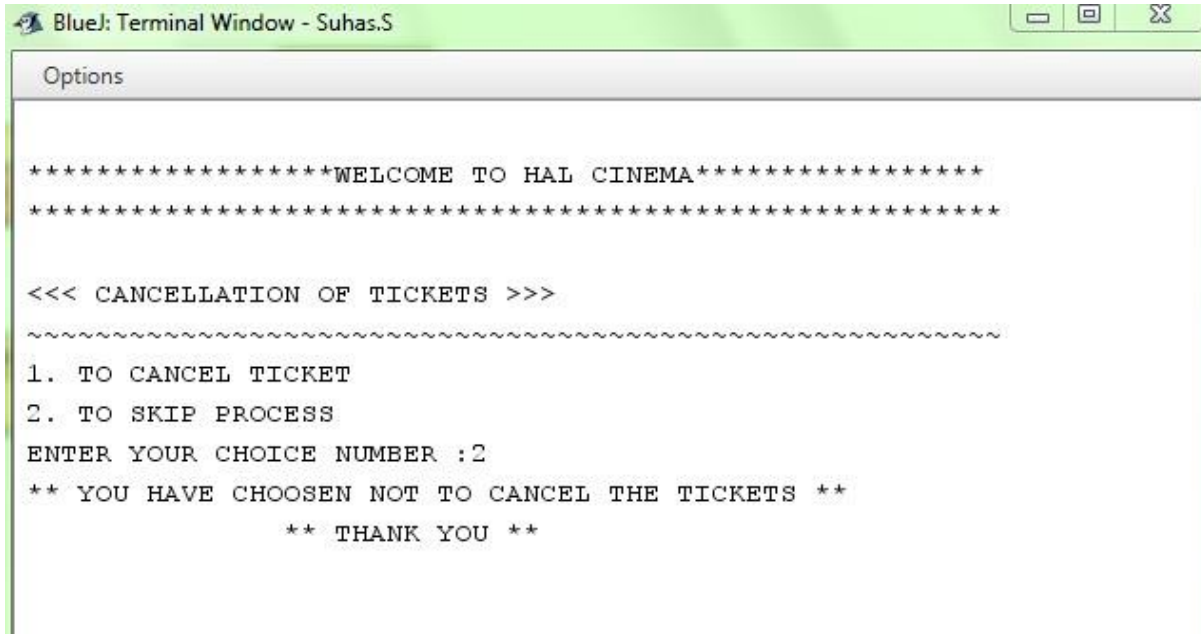
```
~~~~~
```

```
** 1.HAL CLASSIC CINEMAS **
```

```
** 2.HAL SUPER CLASSIC CINEMAS **
```

```
ENTER THE CORRECT CATEGORY NUMBER FOR YOUR CHOICE :
```

This is the output when you select option 1.



```
BlueJ: Terminal Window - Suhas.S

Options

*****WELCOME TO HAL CINEMA*****
*****

<<< CANCELLATION OF TICKETS >>>
~~~~~
1. TO CANCEL TICKET
2. TO SKIP PROCESS
ENTER YOUR CHOICE NUMBER :2
** YOU HAVE CHOSEN NOT TO CANCEL THE TICKETS **
    ** THANK YOU **
```

This is the output when you select option 2.

Bibliography

- Computer Applications, By Sumita Arora, Dhanpat Rai and Company.
- Understanding Computer Applications With BlueJ ICSE X,APC
- Java: Complete Reference by Herbert Schildt