

A Project Report On

MOVIE TICKET

BOOKING

FOR AISSCE 2022 EXAMINATION
[AS A PART OF COMPUTER SCIENCE COURSE]

SUBMITTED BY-

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ROLL NO: 63

[UNDER THE GUIDANCE OF
MS. P.DEEPTI (HOD)]

CERTIFICATE

This is to certify that **SUKRITI SINGH** of class XII-B has successfully completed the project work under guidance of Ms. P.Deepti. She has done her work all in original and finished it in due course of time as per CBSE guidelines.

NAME: SUKRITI SINGH

Class: XII

Section: B(Non-Medical)

HOD

Ms. P.Deepti

Principal

MS. Monika Mehan

ACKNOWLEDGEMENT

I undertook this project work, as the part of my XII CS course. I had tried to apply my best knowledge and experience, gained during and class work experience. However, developing software is generally a quite complex and time-consuming process. It requires a systematic study, insight vision and professional approach during the design and development. Moreover, the developer always feels the need, the help and good wishes of the people near you, who have considerable experience and idea.

I would like to extend my sincere thanks and gratitude to my teacher **Ms. P. Deepti** , for giving valuable time and moral support to develop this software.

I also feel indebted to my friends for the valuable suggestions during the project work.

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INTRODUCTION

The project objective is to book cinema tickets digitally. This project firstly asks us to enter a query in which we can book a ticket or cancel the booked ticket. If we are booking a ticket, it will ask our theatre choice first and then it will provide an id to us which is our user id. Then it will ask which movie we want to watch, total no. of tickets we want to book, our name and our preferred seating. After this the data is saved in respective database and it shows that tickets are booked.

If we want to cancel a ticket, it will ask our name, the theatre choosed and our user id. Then the data is removed from the respective database and it prints the tickets are cancelled successfully.

WHAT IS PYTHON

Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace.



WHAT IS .CSV FILE

A comma-separated values file is a delimited text file that uses a comma to separate values. Each line of the file is a data record. Each record consists of one or more fields, separated by commas. The use of the comma as a field separator is the source of the name for this file format.

PYTHON CODE

```
PROJECT CS 12.py - C:\Users\raj\Desktop\PROJECT CS 12.py (3.7.8)
File Edit Format Run Options Window Help

import mysql.connector as sql
import math, random
conn=sql.connect(host='localhost',user='root',passwd='1234',database='project')
c1=conn.cursor()

if conn.is_connected():
    print('### SS THEATRE BOOKING (AC & NON AC)###')
    print('Sign Up Complete')
    print('Log In Complete')

    query =input('Enter the query:')
    if query=='book ticket':
        print('Enter your theatre choice as 1,2,3 and 4')
        def v_id():
            digits="1234567890"
            id=""
            for i in range(6):
                id += digits[math.floor(random.random()*10)]

            return id
        print('Your UserId is:',v_id())
```

```
PROJECT CS 12.py - C:\Users\raj\Desktop\PROJECT CS 12.py (3.7.8)
File Edit Format Run Options Window Help

    print('Your UserId is:',v_id())

ch=int(input('Enter your Theatre choice:'))
if ch==1:
    vp_id = int(input('Enter your User Id:'))
    v_mname = input('Enter the movie name:')
    v_tic = int(input('Enter total tickets:'))
    v_name = input('Enter your name:')
    v_seat = input('Preferred seating(front,middle,back):')
    v_ins = "insert into theatrel(vp_id,v_mname,v_tic,v_name,v_seat)"
    c1.execute(v_ins)
    conn.commit()
    print('Tickets booked!!!')
    print('Thank you for visiting our theatre')
    print('      ENJOY YOUR MOVIE!!! HAVE FUN!!!      ')

elif ch==2:
    print('WELCOME TO BOX OFFICE (AC)')
    vp_id = int(input('Enter your User Id:'))
    v_mname = input('Enter the movie name:')
    v_tic =int(input('Enter total tickets:'))
```



```
PROJECT CS 12.py - C:\Users\raj\Desktop\PROJECT CS 12.py (3.7.8)
File Edit Format Run Options Window Help

v_mname = input('Enter the movie name:')
v_tic=int(input('Enter total tickets:'))
v_name = input('Enter your name:')
v_sea = input('Preferred seating(front,middle,back):')
v_ins = "insert into theatre2(vp_id,v_mname,v_tic,v_name,v_sea"
c1.execute(v_ins)
conn.commit()
print('Tickets booked!!!')
print('Thank you for visiting our theatre')
print('      ENJOY YOUR MOVIE!!! HAVE FUN!!!      ')

elif ch==3:
    print('WELCOME TO 1ST CLASS BOOKING')
    vp_id = int(input('Enter your User Id:'))
    v_mname = input('Enter the movie name:')
    v_tic=int(input('Enter total tickets:'))
    v_name = input('Enter your name:')
    v_sea = input('Preferred seating(front,middle,back):')
    v_ins = "insert into theatre3(vp_id,v_mname,v_tic,v_name,v_sea"
    c1.execute(v_ins)
    conn.commit()
```

Ln: 120 Col: 0

```
PROJECT CS 12.py - C:\Users\raj\Desktop\PROJECT CS 12.py (3.7.8)
File Edit Format Run Options Window Help

c1.execute(v_ins)
conn.commit()
print('Tickets booked!!!')
print('Thank you for visiting our theatre')
print('      ENJOY YOUR MOVIE!!! HAVE FUN!!!      ')

elif ch==4:
    print('WELCOME TO 2ND CLASS BOOKING')
    vp_id = int(input('Enter your User Id:'))
    v_mname = input('Enter the movie name:')
    v_tic=int(input('Enter total tickets:'))
    v_name = input('Enter your name:')
    v_sea = input('Preferred seating(front,middle,back):')
    v_ins = "insert into theatre4(vp_id,v_mname,v_tic,v_name,v_sea"
    c1.execute(v_ins)
    conn.commit()
    print('Tickets booked!!!')
    print('Thank you for visiting our theatre')
    print('      ENJOY YOUR MOVIE!!! HAVE FUN!!!      ')

Ln: 120 Col: 0
```

```
PROJECT CS 12.py - C:\Users\raj\Desktop\PROJECT CS 12.py (3.7.8)
File Edit Format Run Options Window Help

else:
    print('Given theatre does not exist')

elif query=='cancel ticket':
    name=input('Enter your name:')
    v=int(input('Enter the theatre choosed:'))
    if v==1:
        a=int(input('Enter your User Id:'))
        v_ins="delete from theatre1 where vp_id={}".format(a)
        cl.execute(v_ins)
        conn.commit()
        print('Your tickets are cancelled successfully')
    elif v==2:
        a=int(input('Enter your User Id:'))
        v_ins="delete from theatre2 where vp_id={}".format(a)
        cl.execute(v_ins)
        conn.commit()
        print('Your tickets are cancelled successfully')

Ln: 120 Col: 0
```

```
PROJECT CS 12.py - C:\Users\raj\Desktop\PROJECT CS 12.py (3.7.8)
File Edit Format Run Options Window Help

a=int(input('Enter your User Id:'))
v_ins="delete from theatre3 where vp_id={}".format(a)
cl.execute(v_ins)
conn.commit()
print('Your tickets are cancelled successfully')
elif v==4:
    a=int(input('Enter your User Id:'))
    v_ins="delete from theatre4 where vp_id={}".format(a)
    cl.execute(v_ins)
    conn.commit()
    print('Your tickets are cancelled successfully')
else:
    print('Given theatre does not exist')

else:
    print('INVALID INPUT')

Ln: 120 Col: 0
```

OUTPUT

FOR BOOKING TICKET:

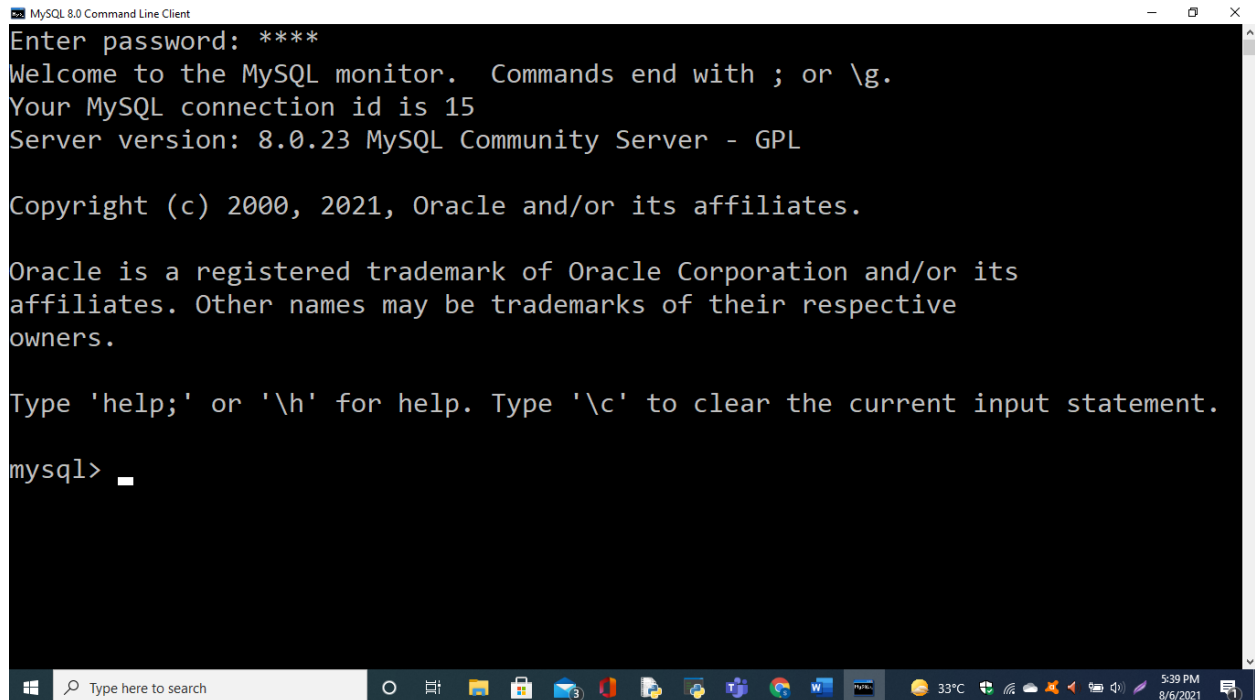
```
Python 3.7.8 Shell
File Edit Shell Debug Options Window Help
Python 3.7.8 (tags/v3.7.8:4b47a5b6ba, Jun 28 2020, 08:53:46) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\raj\Desktop\PROJECT CS 12.py =====
### SS THEATRE BOOKING (AC & NON AC)###
Sign Up Complete
Log In Complete
Enter the query:book ticket
Enter your theatre choice as 1,2,3 and 4
Your UserId is: 643876
Enter your Theatre choice:1
Enter your User Id:643876
Enter the movie name:abc
Enter total tickets:2
Enter your name:xyz
Preferred seating(front,middle,back):middle
Tickets booked!!!
Thank you for visiting our theatre
        ENJOY YOUR MOVIE!!! HAVE FUN!!!
>>> |
```

FOR CANCELLING TICKET:

```
Python 3.7.8 Shell
File Edit Shell Debug Options Window Help
Enter your theatre choice as 1,2,3 and 4
Your UserId is: 643876
Enter your Theatre choice:1
Enter your User Id:643876
Enter the movie name:abc
Enter total tickets:2
Enter your name:xyz
Preferred seating(front,middle,back):middle
Tickets booked!!!
Thank you for visiting our theatre
        ENJOY YOUR MOVIE!!! HAVE FUN!!!
>>>
===== RESTART: C:\Users\raj\Desktop\PROJECT CS 12.py =====
### SS THEATRE BOOKING (AC & NON AC)###
Sign Up Complete
Log In Complete
Enter the query:cancel ticket
Enter your name:xyz
Enter the theatre choosed:1
Enter your User Id:643876
Your tickets are cancelled successfully
>>> |
```

MySQL OUTPUT

OPENING MySQL:



```
MySQL 8.0 Command Line Client
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.23 MySQL Community Server - GPL

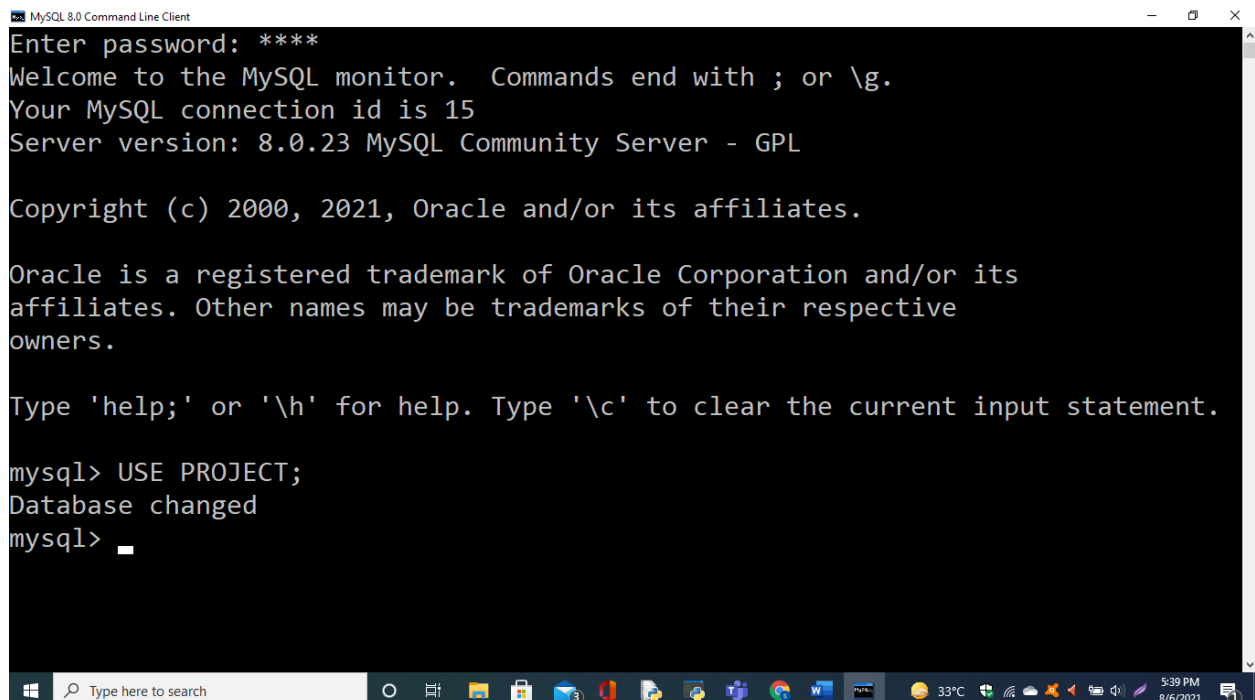
Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```

SELECTING DATABASE:



```
MySQL 8.0 Command Line Client
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.23 MySQL Community Server - GPL

Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE PROJECT;
Database changed
mysql> _
```

SHOWING TABLES:

```
MySQL 8.0 Command Line Client
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE PROJECT;
Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_project |
+-----+
| theatre1          |
| theatre2          |
| theatre3          |
| theatre4          |
+-----+
4 rows in set (0.04 sec)

mysql>
```

DESCRIBING TABLE:

```
MySQL 8.0 Command Line Client
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE PROJECT;
Database changed
mysql> DESCRIBE THEATRE1;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| vp_id | int       | NO   | PRI | NULL    |       |
| v_mname | varchar(50) | YES  |     | NULL    |       |
| v_tic  | int       | YES  |     | NULL    |       |
| v_name | varchar(50) | YES  |     | NULL    |       |
| v_seat | char(20)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (1.44 sec)

mysql>
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+-----+
| v_tic | int   | YES  |      | NULL |      |
| v_name | varchar(50) | YES  |      | NULL |      |
| v_seat | char(20) | YES  |      | NULL |      |
+-----+-----+-----+-----+-----+
5 rows in set (1.44 sec)

mysql> DESCRIBE THEATRE2;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| vp_id | int       | NO   | PRI | NULL    |      |
| v_mname | varchar(50) | YES  |      | NULL    |      |
| v_tic | int       | YES  |      | NULL    |      |
| v_name | varchar(50) | YES  |      | NULL    |      |
| v_seat | char(20)  | YES  |      | NULL    |      |
+-----+-----+-----+-----+-----+
5 rows in set (0.16 sec)

mysql> _
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+-----+
| v_tic | int   | YES  |      | NULL |      |
| v_name | varchar(50) | YES  |      | NULL |      |
| v_seat | char(20) | YES  |      | NULL |      |
+-----+-----+-----+-----+-----+
5 rows in set (0.16 sec)

mysql> DESCRIBE THEATRE3;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| vp_id | int       | NO   | PRI | NULL    |      |
| v_mname | varchar(50) | YES  |      | NULL    |      |
| v_tic | int       | YES  |      | NULL    |      |
| v_name | varchar(50) | YES  |      | NULL    |      |
| v_seat | char(20)  | YES  |      | NULL    |      |
+-----+-----+-----+-----+-----+
5 rows in set (0.06 sec)

mysql> _
```

```
MySQL 8.0 Command Line Client
| v_tic | int | YES | | NULL | |
| v_name | varchar(50) | YES | | NULL | |
| v_seat | char(20) | YES | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.06 sec)

mysql> DESCRIBE THEATRE4;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| vp_id | int | NO | PRI | NULL |
| v_mname | varchar(50) | YES | | NULL |
| v_tic | int | YES | | NULL |
| v_name | varchar(50) | YES | | NULL |
| v_seat | char(20) | YES | | NULL |
+-----+-----+-----+-----+-----+
5 rows in set (0.07 sec)

mysql> _
```

SHOWING ENTRIES IN TABLES:

MySQL 8.0 Command Line Client

```
mysql> SELECT * FROM THEATRE1;
```

```
+-----+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+-----+
| 331054 | abc     |      3 | sonam  | front  |
| 515905 | xyz     |      3 | sukriti | front  |
+-----+-----+-----+-----+-----+
2 rows in set (0.06 sec)
```

```
mysql> SELECT * FROM THEATRE2;
```

```
+-----+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+-----+
| 455978 | bahubali2 |      7 | krish  | back   |
| 994718 | ert      |      4 | rohan  | middle |
+-----+-----+-----+-----+-----+
2 rows in set (0.23 sec)
```

```
mysql>
```

MySQL 8.0 Command Line Client

```
2 rows in set (0.23 sec)
```

```
mysql> SELECT * FROM THEATRE3;
```

```
+-----+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+-----+
| 368703 | alpha   |      5 | iron man | back   |
+-----+-----+-----+-----+-----+
1 row in set (0.16 sec)
```

```
mysql> SELECT * FROM THEATRE4;
```

```
+-----+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+-----+
| 17436 | pink    |      2 | hulk   | back   |
+-----+-----+-----+-----+-----+
1 row in set (0.03 sec)
```

```
mysql> _
```


AFTER INSERTING A RECORD IN THEATRE1 TABLE FROM PYTHON:

```
Python 3.7.8 Shell
File Edit Shell Debug Options Window Help
Python 3.7.8 (tags/v3.7.8:4b47a5b6ba, Jun 28 2020, 08:53:46) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\raj\Desktop\PROJECT CS 12.py =====
### SS THEATRE BOOKING (AC & NON AC)###
Sign Up Complete
Log In Complete
Enter the query:book ticket
Enter your theatre choice as 1,2,3 and 4
Your UserId is: 370319
Enter your Theatre choice:1
Enter your User Id:370319
Enter the movie name:the king
Enter total tickets:1
Enter your name:jkl
Preferred seating(front,middle,back):front
Tickets booked!!!
Thank you for visiting our theatre
        ENJOY YOUR MOVIE!!! HAVE FUN!!!
>>> |
```

```
MySQL 8.0 Command Line Client
mysql> SELECT * FROM THEATRE4;
+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+
| 17436 | pink    | 2     | hulk   | back   |
+-----+-----+-----+-----+
1 row in set (0.03 sec)

mysql> SELECT * FROM THEATRE1;
+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+
| 331054 | abc     | 3     | sonam  | front  |
| 370319 | the king | 1     | jkl    | front  |
| 515905 | xyz     | 3     | sukriti | front  |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
```

AFTER DELETING A RECORD IN THEATRE1 TABLE FROM PYTHON:

```
Python 3.7.8 Shell
File Edit Shell Debug Options Window Help
Enter your theatre choice as 1,2,3 and 4
Your UserId is: 370319
Enter your Theatre choice:1
Enter your User Id:370319
Enter the movie name:the king
Enter total tickets:1
Enter your name: jkl
Preferred seating(front,middle,back):front
Tickets booked!!!
Thank you for visiting our theatre
      ENJOY YOUR MOVIE!!! HAVE FUN!!!
>>>
===== RESTART: C:\Users\raj\Desktop\PROJECT CS 12.py =====
### SS THEATRE BOOKING (AC & NON AC)###
Sign Up Complete
Log In Complete
Enter the query:cancel ticket
Enter your name: jkl
Enter the theatre choosed:1
Enter your User Id:370319
Your tickets are cancelled successfully
>>> |
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+-----+
| 331054 | abc     | 3     | sonam  | front  |
| 370319 | the king | 1     | jkl    | front  |
| 515905 | xyz     | 3     | sukriti | front  |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM THEATRE1;
+-----+-----+-----+-----+-----+
| vp_id | v_mname | v_tic | v_name | v_seat |
+-----+-----+-----+-----+-----+
| 331054 | abc     | 3     | sonam  | front  |
| 515905 | xyz     | 3     | sukriti | front  |
+-----+-----+-----+-----+-----+
2 rows in set (0.02 sec)

mysql> _
```

SUMMARY

In this project, we take some basic information about movie and user to book ticket and a user id is also provided to us. This user id is also required to cancel ticket if required. The data is stored in respective databases. Here the theatre is SS Theatre. It is a simple way to book tickets in presentative way and to store the data in a database.

In present times, where everything is digital it is a good opportunity to save time by booking tickets digitally instead of standing for hours in long queues to get tickets booked. It is very easy to book ticket digitally. Also it is very easy to cancel our ticket anytime.