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Code

```
import mysql.connector
from datetime import datetime
host = 'localhost'
user = 'root'
password = 'a|o0f@2906ak'
database = 'akalya'
connection = mysql.connector.connect(
    host=host,
    user=user,
    password=password,
    database=database
)
movies = [
    {"name": "Harry Potter", "genre": "Magic", "hero": "Daniel Radcliffe", "heroine": "Emma Watson", "runtime": "2024-06-29 11:00:00", "amount": 100.00},
    {"name": "Saltburn", "genre": "Dark", "hero": "Jacob Elordi", "heroine": "Barry", "runtime": "2024-07-01 15:30:00", "amount": 125.00},
    {"name": "Dune", "genre": "Sci-fi", "hero": "Timothée Chalamet", "heroine": "Zendaya", "runtime": "2024-07-02 18:00:00", "amount": 300.00},
]
def display_movies():
    print("Movies:")
    for i, movie in enumerate(movies, 1):
        print(f'{i}. {movie["name"]} - {movie["genre"]}')
def book_ticket(user_name, user_phone, movie):
    show_datetime = datetime.strptime(movie["runtime"], "%Y-%m-%d %H:%M:%S")
    cursor = connection.cursor()
    cursor.execute("""
        INSERT INTO bookings (user_name, user_phone, movie_name, genre, hero, heroine,
        show_datetime, ticket_amount, payment_status)
        VALUES (%s, %s, %s, %s, %s, %s, %s, %s, %s)
        """, (user_name, user_phone, movie["name"], movie["genre"], movie["hero"], movie["heroine"],
        show_datetime, movie["amount"], True))
    connection.commit()
    cursor.close()
    return show_datetime
def display_ticket(user_name, user_phone, movie, show_datetime):
    print("\nTicket Details:")
    print(f'Name: {user_name}')
```

```

print(f"Phone: {user_phone}")
print(f"Movie: {movie['name']}")
print(f"Genre: {movie['genre']}")
print(f"Hero: {movie['hero']}")
print(f"Heroine: {movie['heroine']}")
print(f"Show Date and Time: {show_datetime.strftime('%Y-%m-%d %H:%M:%S')}")
print(f"Ticket Amount: ${movie['amount']:.2f}")
print("\nThank you for booking your ticket!")
print("IMAX Welcomes You")
print("*****")
user_name = input("Please enter your name: ")
user_phone = input("Please enter your phone number: ")
display_movies()
choice = int(input("Enter the number of the movie you want to book: "))
if 1 <= choice <= len(movies):
    chosen_movie = movies[choice - 1]
    print(f"Ticket Amount: ${chosen_movie['amount']:.2f}")
    payment = float(input("Please pay the amount to proceed: "))
    if payment == chosen_movie['amount']:
        show_datetime = book_ticket(user_name, user_phone, chosen_movie)
        display_ticket(user_name, user_phone, chosen_movie, show_datetime)
    else:
        print("Incorrect amount!")
else:
    print("Invalid choice.")
if connection.is_connected():
    connection.close()
    print("Connection closed")

```

Output

```

mysql> CREATE TABLE IF NOT EXISTS bookings (
->     id INT AUTO_INCREMENT PRIMARY KEY,
->     user_name VARCHAR(255),
->     user_phone VARCHAR(20),
->     movie_name VARCHAR(255),
->     genre VARCHAR(255),
->     hero VARCHAR(255),
->     heroine VARCHAR(255),
->     show_datetime DATETIME,
->     ticket_amount DECIMAL(10, 2),
->     payment_status BOOLEAN
-> );
Query OK, 0 rows affected (0.11 sec)

mysql> show tables;
+-----+
| Tables_in_akalya |
+-----+
| bookings          |
| votes             |
+-----+
2 rows in set (0.00 sec)

```

IDLE Shell 3.12.3

File Edit Shell Debug Options Window Help

```
>>>===== RESTART: C:\Users\avada\OneDrive\Desktop\ticket.py
```

IMAX Welcomes You

Please enter your name: Akalya

Please enter your phone number: 9843776051

Movies:

1. Harry Potter - Magic

2. Saltburn - Dark

3. Dune - Sci-fi

Enter the number of the movie you want to book: 2

Ticket Amount: \$125.00

Please pay the amount to proceed: 125

Ticket Details:

Name: Akalya

Phone: 9843776051

Movie: Saltburn

Genre: Dark

Hero: Jacob Elordi

Heroine: Barry

Show Date and Time: 2024-07-01 15:30:00

Ticket Amount: \$125.00

Thank you for booking your ticket!

Connection closed

```
>>>===== RESTART: C:\Users\avada\OneDrive\Desktop\ticket.py
```

IMAX Welcomes You

Please enter your name: Kiruthiga

Please enter your phone number: 9070676759

Movies:

1. Harry Potter - Magic

2. Saltburn - Dark

3. Dune - Sci-fi

Enter the number of the movie you want to book: 1

Ticket Amount: \$100.00

Please pay the amount to proceed: 100

Ticket Details:

Name: Kiruthiga

Phone: 9070676759

Movie: Harry Potter

Genre: Magic

Hero: Daniel Radcliffe

Heroine: Emma Watson

Show Date and Time: 2024-06-29 11:00:00

Ticket Amount: \$100.00

Thank you for booking your ticket!

Connection closed

```
>>>
```



```
mysql> select*from bookings;
```

id	user_name	user_phone	movie_name	genre	hero	heroine	show_datetime	ticket_amount	payment_status
1	Akalya	9843776051	Saltburn	Dark	Jacob Elordi	Barry	2024-07-01 15:30:00	125.00	1
2	Kiruthiga	9070676759	Harry Potter	Magic	Daniel Radcliffe	Emma Watson	2024-06-29 11:00:00	100.00	1

```
2 rows in set (0.00 sec)
```

```
mysql> |
```

