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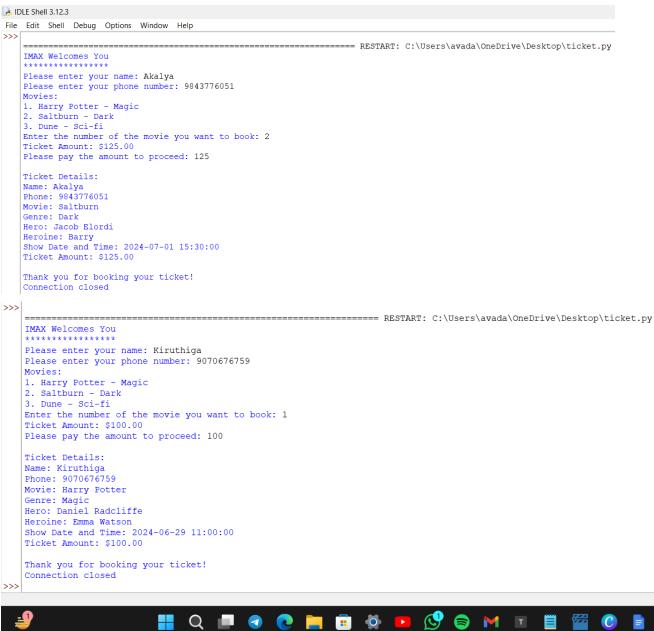
## Code

```
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": "Timothee 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_name VARCHAR(233),
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
2 rows in set (0.00 sec)
```





mysql> select*from bookings;										
id	user_name	user_phone	movie_name	genre	hero	heroine	show_datetime	ticket_amount	payment_status	
1 1   2	Akalya Kiruthiga	9843776051 9070676759	Saltburn Harry Potter	Dark Magic	Jacob Elordi Daniel Radcliffe	Barry   Emma Watson	2024-07-01 15:30:00 2024-06-29 11:00:00	125.00 100.00		
2 rows in set (0.00 sec)										
mysql>										
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