# Python Assignment - Ticket Booking System

**Submitted By-**

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#### Control structure

#### **Task: Conditional Statements**

In a BookingSystem, you have been given the task is to create a program to book tickets. if available tickets more than noOfTicket to book then display the remaining tickets or ticket unavailable:

#### Tasks:

- 1. Write a program that takes the availableTicket and noOfBookingTicket as input.
- 2. Use conditional statements (if-else) to determine if the ticket is available or not.
- 3. Display an appropriate message based on ticket availability.

```
def checkBookingTicket(availableTicket, noOfBookingTicket): 1usage
    if availableTicket >= noOfBookingTicket:
        remainingticket = availableTicket - noOfBookingTicket
        print(f"Remaining Tikets are {remainingticket}")
    else:
        print("No available tickets ")

availableTicket = int(input("Enter the available tickets: "))
neOfBookingTicket = int(input("Enter the number of booking tickets: "))
checkBookingTicket(availableTicket, noOfBookingTicket)
```

```
Run task1 ×

C:\Users\Shubh\AppData\Local\Programs\Pyto
Enter the available tickets: 20
Enter the number of booking tickets: 10
Remaining Tikets are 10

Process finished with exit code 0
```

#### **Task: Nested Conditional Statements**

Create a program that simulates a Ticket booking and calculating cost of tickets. Display tickets options such as "Silver", "Gold", "Dimond". Based on ticket category fix the base ticket price and get the user input for ticket type and no of tickets need and calculate the total cost of tickets booked.

### Task 3: Looping

From the above task book the tickets for repeatedly until user type "Exit".

```
def calculateCostOfBooking(category, noOfTickets): 2 usages
    Clist = {"silver":100, "gold":200, "diamond":3000}
   if category in Clist:
       basePrice = Clist[category]
        totalPrice = basePrice*noOfTickets
       print(f"Your total price is: {totalPrice}")
   else:
       print("Invalid ticket category")
category = input("Enter the category (gold, silver, diamond): ")
noOfTickets = int(input("Enter the number of tickets: "))
calculateCostOfBooking(category, noOfTickets)
while(True):
    category = input("Enter the category (gold, silver, diamond): ")
   if category == "Exit":
        break
   noOfTickets = int(input("Enter the number of tickets: "))
    calculateCostOfBooking(category, noOfTickets)
```

```
C:\Users\Shubh\AppData\Local\Programs\Python\Python312\pyth
Enter the category (gold, silver, diamond): gold
Enter the number of tickets: 20
Your total price is: 4000
Enter the category (gold, silver, diamond): diamond
Enter the number of tickets: 10
Your total price is: 30000
Enter the category (gold, silver, diamond): Exit

Process finished with exit code 0
```

# Implement oops

### Task: Class & Object

Create Following classes with the given attributes and methods:

#### 1. Event Class

```
import decimal
   def __init__(self,event_name,event_date,event_time,venue_name,
                total_seats,available_seats,
                ticket_price: decimal,event_type: enum):
      self.event_name=event_name
       self.event_date=event_date
       self.event_time=event_time
       self.venue_name=venue_name
       self.total_seats=total_seats
       self.available_seats=available_seats
       self.ticket_price=ticket_price
       self.event_type=event_type
   def get_event_name(self):
       return self.event_name
   def get_event_date(self):
       return self.event_date
       return self.event_time
```

```
@get_event_date.setter
def set_event_name(self,event_name):
     self.event_name=event_name
@ get_event_date.setter
def set_event_date(self,event_date):
    self.event_date=event_date
@get_event_time.setter
def set_event_time(self,event_time):
    self.event_time=event_time
@get_venue_name.setter
def set_venue_name(self,venue_name):
    self.venue_name=venue_name
@get_total_seats.setter
def set_total_seats(self,total_seats):
    self.total_seats=total_seats
@get_available_seats.setter
def set_available_seats(self,available_seats):
    self.available_seats=available_seats
@get_ticket_price.setter
def set_ticket_price(self,ticket_price):
    self.ticket_price=ticket_price
@get_event_type.setter
def set_event_type(self,event_type):
    self.event_type=event_type
```

```
def print_event_info(self): 3 usages
    print("Event name: ",self.event_name)
    print("Event_date: ", self.event_date)
    print("Event_time: ", self.event_time)
    print("Venue_name: ", self.venue_name)
    print("Total_seats: ", self.total_seats)
    print("Available_seats: ", self.available_seats)
    print("Ticket_price: ", self.ticket_price)
    print("Event_type: ", self.event_type)
    tickets_sold=self.total_seats-self.available_Seats
    return tickets_sold*self.ticket_price
def totaltickets_sold(self):
    return self.total_seats-self.available_Seats
def book_tickets(self,num_tickets): 1usage
    if num_tickets <=self.available_seats:</pre>
       self.available_seats-=num_tickets
       print(f"Booked{num_tickets}tickets. Available seats: {self.available_seats}")
def cancel_tickets(self,num_tickets): 1usage
    self.available_seats+=num_tickets
    print(f"After canceling{num_tickets} available tickets are {self.available_seats}")
```

#### 2. Venue Class

```
class venue:
   def __init__(self,venue_name,address):
        self.venue_name=venue_name
       self.address=address
        print("venue name: ",self.venue_name)
        print("address: ",self.address)
       return self.venue_name
   Oproperty 1 usage
   def get_address(self):
       return self.address
   @get_venue_name.setter
   def set_venue_name(self, venue_name):
        self.venue_name = venue_name
   @get_address.setter
   def set_address(self, address):
      self.address = address
```

### 3. Customer Class

```
def __init__(self,firstname,lastname, email,phone_number,address):

self.firstname=firstname
self.lastname = lastname
self.email=email
self.phone_number=phone_number
self.address=address

#getters
@property lusage
def getfirstname(self):
    return self.customer_name

@property lusage
def getlastname(self):
    return self.lastname

@property 1usage
def getemail(self):
    return self.email

@property lusage
def getemail(self):
    return self.email

@property lusage
def getphone_number(self):
    return self.phone_number

@property lusage
def getphone_number(self):
    return self.phone_number
```

### 4. Booking Class

```
def __int__(self,event_id,num_tickets,total_cost,booking_date):
    self.event_id=event_id
    self.num_tickets=num_tickets
    self.total_cost=total_cost
    self.booking_date=booking_date

@property 1usage
def getevent_id(self):
    return self.event_id

@property 1usage
def getnum_tickets(self):
    return self.num_tickets

@property 2usages
def total_cost(self):
    return self.total_cost

@property 2 usages
def booking_date(self):
    return self.booking_date
```

```
Ogetevent_id.setter
def setevent_id(self,event_id):
self.event_id=event_id
Ogetnum_tickets.setter
def setnum_tickets(self,num_tickets):
self.num_tickets=num_tickets

Ototal_cost.setter
def settotal_cost(self,total_cost):
self.total_cost=total_cost

Obooking_date.setter
def setbooking_date(self,booking_date):
self.booking_date=booking_date
```

## Task: Inheritance and polymorphism

• Create a subclass **Movie** that inherits from Event. Add the given attributes and methods:

```
# task-5
from events import event
class movie(event): 1usage
    def __init__(self):
        self.genre=" "
        self.actorname=" "
        self.actressname=" "
    Oproperty 2 usages
    def getgenre(self):
        return self.genre
    Oproperty 2 usages
    def getactorname(self):
        return self.actorname
    @property 2 usages
    def getactressname(self):
        return self.actressname
```

• Create another subclass **Concert** that inherits from Event. Add the given attributes and methods:

```
class concert(event):
        self.artist=" "
       self.type=" "
   @property 2 usages
    def getartist(self):
       return self.artist
    @getartist.setter
    def setartist(self,artist):
       self.artist=artist
   @property
    def gettype(self):
       return self.type
    @getartist.setter
    def settype(self, type):
       self.type = type
    def display_concert_details(self):
       event1.print_event_info()
        print("artist: ", self.artist)
```

 Create another subclass Sports that inherits from Event. Add the given attributes and methods:

```
class sports(event):
      self.sportname=" "
      self.teams=" "
   @property 1 usage
   def getsportname(self):
    return self.sportname
   @property 1 usage
       return self.teams
   @getsportname.setter
   def setsportname(self,sportname):
       self.sportname=sportname
    @getteams.setter
    def setactorname(self,teams):
    self.teams=teams
    def display_sport_details(self):
        event1.print_event_info()
        print("genre: ",self.sportname)
```

• Create a class **TicketBookingSystem** with the given methods:

```
elif choice == '2':

event_index = int(input("Enter the index of the event to display details: "))

if 0 <= event_index < len(self.events):

self.display_event_details(self.events[event_index])

else:

print("Invalid event index.")

elif choice == '3':

event_index = int(input("Enter the index of the event to book tickets: "))

if 0 <= event_index < len(self.events):

num_tickets = int(input("Enter the number of tickets to book: "))

total_cost = self.book_tickets(self.events[event_index], num_tickets)

if total_cost > 0:

print(f"Tickets booked successfully! Total Cost: ${total_cost}^*)

else:

print("Invalid event index.")
```

```
elif choice == '4':

event_index = int(input("Enter the index of the event to cancel tickets: "))

if 0 <= event_index < len(self.events):

num_tickets = int(input("Enter the number of tickets to cancel: "))

self.cancel_tickets(self.events[event_index], num_tickets)

else:

print("Invalid event index.")

elif choice == '5':

print("Exiting the Ticket Booking System.")

break

else:

print("Invalid choice. Please enter a number between 1 and 5.")

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t1=TicketBookingSystem

t1.main(self=2)
```

#### **Task: Abstraction**

#### Requirements

1. Event Abstraction:

```
from abc import ABC, abstractmethod

viass Event(ABC):
    def __init_ (self, event_name, date, time, venue_name, total_seats, available_seats, ticket_price, event_type):
        self.event_name = event_name
        self.venue_name = venue_name
        self.venue_name = venue_name
        self.venue_name = event_seats
        self.event_type = event_type

[Mabstractmethod
def diaplay_event_details(self):
        pags
```

2. Concrete Event Classes:

```
class Movie(Event):
    def display_event_details(salf);
        print(f"Event Type: Movie")
        print(f"Event Name: {self.event_mame}")
        print(f"Date: {self.date}")
        print(f"Time: {self.time}")
        print(f"Total Seats: {self.total_seats}")
        print(f"Total Seats: {self.total_seats}")
        print(f"Ticket Price: {self.toket_price}")
```

```
class Concert(Event):
    def display_event_details(self):
        print(f"Event Type: Ecncert")
        print(f"Event Mane: {self.event_name}")
        print(f"Eate: {self.dete}")
        print(f"Time: {self.time}")
        print(f"Venue: {self.time}")
        print(f"Total Sects: {self.total_seats}")
        print(f"Total Sects: {self.total_seats}")
        print(f"Ticket Price: {self.ticket_price}")
```

```
class Sport(Event):
    def display_event_details(self):
        print(f"Event Type: Sport")
        print(f"Event Name: {self.event_name}")
        print(f"Date: {self.date}")
        print(f"Time: {self.time}")
        print(f"Venue: {self.venue_name}")
        print(f"Total Seats: {self.total_seats}")
        print(f"Available Seats: {self.available_seats}")
        print(f"Ticket Price: {self.ticket_price}")
```

3. BookingSystem Abstraction:

```
class BookingSystem(ABC):
    @abstractmethod
    def create_event(self, event_name, date, time, total_seats, ticket_price, event_type, venue_name):
        pass

@abstractmethod
def display_event_details(self, event):
        pass

@abstractmethod
def book_tickets(self, event, num_tickets):
        pass

@abstractmethod
def cancel_tickets(self, event, num_tickets):
        pass
```

## Task: Interface/abstract class, and Single Inheritance, static variable

```
class Venue:
    def __init__(self, venue_name, address):
        self.venue_name = venue_name
        self.address = address

def display_venue_details(self):
    print("Venue Name:", self.venue_name)
    print("Address:", self.address)
```

```
class IBookingSystemServiceProvider(ABC):
    @abstractmethod
    def calculate_booking_cost(self, num_tickets):
        pass

@abstractmethod
    def book_tickets(self, eventname: str, num_tickets: int, arrayOfCustomer):
        pass

@abstractmethod
    def cancel_booking(self, booking_id: int):
        pass

@abstractmethod
    def get_booking_details(self, booking_id: int):
        pass
```

```
class BookingSystemServiceProviderImpl(IBookingSystemServiceProvider, EventServiceProviderImpl):

def calculate_booking_cost(self, num_tickets):
    pass

def book_tickets(self, eventname, num_tickets, arrayOfCustomer):
    pass

def cancel_booking(self, booking_id):
    pass

def get_booking_details(self, booking_id):
    pass
```

```
class IBookingSystemRepository: 1usage
  def create_event(self):
    pass
  def get_Event_Details(self):
    pass
  def get_available_tickets(self):
    pass
  def book_tickets(self,num_tickets):
    pass
  def cancel_tickets(self):
    pass
```

```
class BookingSystemRepositoryImpl(IBookingSystemRepository): 2 usages
    def create_event(self):
        return True
    def get_Event_Details(self):
        return True
    def get_available_tickets(self):
        return True
    def book_tickets(self,num_tickets):
        return True
    def cancel_tickets(self):
        return True
```

# **Task: Exception Handling**

throw the exception whenever needed and Handle in main method,

- 1. EventNotFoundException throw this exception when user try to book the tickets for Event not listed in the menu.
- 2. InvalidBookingIDException throw this exception when user entered the invalid bookingId when he tries to view the booking or cancel the booking.
- 3. NullPointerException handle in main method.

Throw these exceptions from the methods in TicketBookingSystem class. Make necessary changes to accommodate exception in the source code. Handle all these exceptions from the main program.

```
class EventNotFoundException(Exception): 2 usages
    pass
class InvalidBookingIDException(Exception): 2 usages
    pass

class TicketBookingSystem1(): 1 usage

def book_tickets_menu(self): 1 usage

try:
    eventname = input(*Enter the event name: ")
    # Check if the event exists
    query1="select * from event where event_name=%s"
    cur.execute(query1,(eventname,))
    event=cur.fetchone()

if not event:
    raise EventNotFoundException(f*Event '{eventname}' not found in the menu.*)

except EventNotFoundException as e:
    print(f*Error: {e}*)
```

```
def booking_details_menu(self): 1 usage

try:
    booking_id = input("Enter the booking ID: ")
    query1 = "select * from booking where booking_id=%s"
    cur.execute(query1,(booking_id,))
    booking = cur.fetchone()

if not booking:
    raise InvalidBookingIDException(f*Invalid booking ID: {booking_id}*")

except InvalidBookingIDException as e:
    print(f*Error: {e}*")

def event_exists(self, event_name):
    pass

def is_valid_booking_id(self, booking_id):
    pass

if __name__ == "__main__":
    ticket = TicketBookingSystem1()
    ticket.book_tickets_menu()
    ticket.booking_details_menu()
```

### **Task 11: Database Connectivity.**

## **Ticket Booking System App:**

```
import functools
from datetime import *
import pyodbc
from dbutil import DBConnection
from abstract_methods import BookingSystemRepositoryImpl

class EventNotFoundException(Exception):
    pass

class InvalidBookingIDException(Exception):
    pass

con = DBConnection.getConnection()
cur = con.cursor()
```

```
class TicketBookingSystem:
   while True:
       print("")
       print("1. Create Event")
       print("2. Book tickets")
       print("3. Cancel tickets")
       print("4. Get available tickets")
       print("6. Exit")
       choice = input("Select from above options: ")
       if choice == "1":
           b.create_event()
       elif choice == "2":
           num_tickets = int(input("Enter the number of tickets: "))
           b.book_tickets(num_tickets)
       elif choice == "3":
           b.cancel_tickets()
       elif choice == "4":
           b.get_available_tickets()
       elif choice == "5":
           b.get_event_details()
       elif choice == "6":
           print("Exiting the system. Thank you!")
           break
       else:
           print("Invalid option, choose from the options above.")
```

```
class BookingSystemRepository(BookingSystemRepositoryImpl): 1usage

def create_event(self): 1usage
        event_id = input("Enter the event id: ")
        event_name = input("Enter event name: ")

# Convert date and time to strings in the required format
        event_date = self.get_current_date().strftime('%Y-%m-%d')
        event_time = self.get_current_time().strftime('%H:%M:%S')

total_seats = int(input("Enter total seats: "))
        ticket_price = float(input("Enter ticket price: "))
        event_type = input("Enter event type (movie, sport, concert): ")

# Prepare query and parameterized values
    query = """
        INSERT INTO event(event_id, event_name, event_date, event_time, total_seats,
        ticket_price, event_type)

VALUES (?, ?, ?, ?, ?, ?, ?)
        """

values=(event_id, event_name, event_date, event_time, total_seats, ticket_price, event_type)
```

```
try:
        cur.execute(query, values)
        con.commit()
        print("Event created successfully.")
    except pyodbc.Error as e:
        print(f"Error: {e}")
    finally:
        cur.execute("SELECT * FROM event")
        events = cur.fetchall()
        for event in events:
           print(event)
def get_current_date(self): 2 usages
    return date.today()
def get_current_time(self): 1usage
    return datetime.now().time()
def get_event_details(self): 1usage
    return self.all_events()
```

```
def all_events(self): 2 usages
    query = "SELECT * FROM event"
    cur.execute(query)
    events = cur.fetchall()
    for event in events:
        print(event)

def get_available_tickets(self): 1 usage
    query = "SELECT available_seats, event_name FROM event"
    cur.execute(query)
    events = cur.fetchall()
    for event in events:
        print(event)

def create_customer(self): 1 usage
    customer_id = self.unique_customer_id()
    customer_lad = self.unique_customer_id()
    customer_name = input("Enter your name: ")
    email = input("Enter your enail: ")
    phone = input("Enter your phone number: ")
    booking_id = self.unique_booking_id()

    query = "INSERT INTO customer(customer_id, customer_name, email, phone_number, booking_id) VALUES(?,?,?,?)*
    values = (customer_id, customer_name, email, phone_booking_id)

cur.execute(query, values)
    con.commit()
    print("Customer created successfully.")
```

```
def get_all_customers(self):
    query = "SELECT * FROM customer"
    cur.execute(query)
   return cur.fetchall()
def unique_customer_id(self): 1usage
    query = "SELECT ISNULL(MAX(customer_id), 0) FROM customer"
    cur.execute(query)
    max_id = cur.fetchone()[0]
    return max_id + 1 # Increment to get a new unique ID
def book_tickets(self, num_tickets: int): 1usage
    self.all_events()
    event_name = input("Enter the event name: ")
    query = "SELECT event_id, total_seats, ticket_price FROM event WHERE event_name = ?"
    cur.execute(query, (event_name,))
    event = cur.fetchone()
    if not event:
        print(f"Error: Event '{event_name}' not found.")
        return None
```

```
event_id, total_seats, ticket_price = event

# Check if enough seats are available
if num_tickets > total_seats:
    print("Not enough available seats for the requested number of tickets.")
    return None

customer_id = self.create_customer()  # Get newly created customer ID
    total_cost = float(num_tickets) * float(ticket_price)  # Ensure float conversion
    booking_date = self.get_current_date().strftime('%Y-%m-%d')  # Convert to correct format
    booking_id = self.unique_booking_id()

# Ensure all values have correct types
values = (
    int(booking_id),  # booking_id as integer
    int(customer_id),  # customer_id as integer
    int(event_id),  # event_id as integer
    int(num_tickets),  # num_tickets as integer
    float(total_cost),  # total_cost as float
    booking_date  # booking_date as string (YYYY-MM-DD)
)
```

```
# Insert booking details
query2 = """
INSERT INTO booking(booking_id, customer_id, event_id, num_tickets, total_cost, booking_date)
VALUES (?, ?, ?, ?, ?, ?)
"""
cur.execute(query2, values)

# Update available seats
new_seat_count = total_seats - num_tickets
update_query = "UPDATE event SET total_seats = ? WHERE event_id = ?"
cur.execute(update_query, (new_seat_count, event_id))

con.commit()
print(f*Successfully booked {num_tickets} tickets for {event_name}. Remaining seats: {new_seat_count}*)

def get_all_bookings(self): lusage
   query = "SELECT * FROM booking"
   cur.execute(query)
   return cur.fetchall()

def unique_booking_id(self): 2usages
   return len(self.get_all_bookings()) + 1
```

```
def cancel_tickets(self): 1usage
        booking_id = int(input("Enter the booking_id: "))
        query = "SELECT booking_id FROM booking WHERE booking_id = ?"
        cur.execute(query, (booking_id,))
        booking = cur.fetchone()
        if not booking:
            print(f"Error: {booking_id} not found")
        query = "SELECT num_tickets FROM booking WHERE booking_id = ?"
        cur.execute(query, (booking_id,))
        num_tickets = cur.fetchone()[0]
        query = "DELETE FROM booking WHERE booking_id = ?"
        cur.execute(query, (booking_id,))
        con.commit()
        print(f"Successfully canceled {num_tickets} tickets.")
# Main interaction loop for the TicketBookingSystem
b = BookingSystemRepository()
```

### **Output:**

```
C:\Users\Shubh\AppData\Local\Programs\Python\Python312\
Database Connected Successfully!!

1. Create Event
2. Book tickets
3. Cancel tickets
4. Get available tickets
5. Get event details
6. Exit
Select from above options:
```

## 1. Creating an Event:

```
Select from above options: 1
Enter the event id: 15
Enter event name: Winter Carnival
Enter total seats: 200
Enter ticket price: 50
Enter event type (movie, sport, concert): sport
Event created successfully.
(1, 'Jaipur Film Festival', '2024-09-15', '18:00:00.0000000', 1, 500, 450, Decimal('15:00'), 'Movie', 1)
(2, 'Jaipur Cricket Match', '2024-10-10', '15:30:00.0000000', 2, 1000, 800, Decimal('25:00'), 'Sports', 2)
(3, 'Udaipur Music Concert', '2024-11-05', '20:00:00.0000000', 3, 800, 700, Decimal('20:00'), 'Concert', 3)
(4, 'Trishul Dance Show', '2024-11-20', '19:30:00.0000000', 4, 600, 550, Decimal('18:00'), 'Concert', 4)
(5, 'High Act', '2024-10-15', '18:00:00.0000000', 5, 1200, 1000, Decimal('10:00'), 'Drama', 5)
(6, 'Vellore Movie Night', '2024-09-08', '21:00:00.0000000', 6, 300, 280, Decimal('12:00'), 'Movie', 6)
(7, 'Cultural Festival', '2024-10-17', '17:00:00.0000000', 7, 700, 650, Decimal('22:00'), 'Concert', 7)
(8, 'Erode Football Championship', '2024-12-12', '16:45:00.0000000', 8, 1500, 1300, Decimal('30:00'), 'Sports', 8)
(9, 'Rajmandir Art Exhibition', '2024-11-30', '10:30:00.0000000', 9, 400, 380, Decimal('8:00'), 'Concert', 9)
(10, 'JC Comedy Show', '2024-11-18', '19:00:00.0000000', 7, 1500, 1450, Decimal('15:00.00'), 'Sports', 11)
(12, 'Thane Art Exhibition', '2024-12-12', '20:00:00.0000000', 7, 18500, 1450, Decimal('15:00.00'), 'Sports', 11)
(13, 'Chennai Music Concert', '2024-11-18', '20:00:00.0000000', 7, 18500, 1450, Decimal('15:00.00'), 'Sports', 11)
(14, 'Navratri Garba Night', '2024-11-18', '20:00:00.0000000', None, 595, None, Decimal('15:00.00'), 'Sports', None)
```

# 2. Booking Event Tickets:

```
Select from above options: 2
Enter the number of tickets: 5
(1, 'Jaipur Film Festival', '2024-09-15', '18:00:00.0000000', 1, 500, 450, Decimal('15:00'), 'Movie', 1)
(2, 'Jaipur Cricket Match', '2024-10-10', '15:30:00.0000000', 2, 1000, 800, Decimal('25:00'), 'Sports', 2)
(3, 'Udaipur Music Concert', '2024-11-05', '20:00:00.0000000', 3, 800, 700, Decimal('20:00'), 'Concert', 3)
(4, 'Trishul Dance Show', '2024-11-20', '19:30:00.0000000', 4, 600, 550, Decimal('18:00'), 'Concert', 4)
(5, 'High Act', '2024-10-15', '18:00:00.0000000', 5, 1200, 1000, Decimal('10:00'), 'Drama', 5)
(6, 'Vellore Movie Night', '2024-09-08', '21:00:00.0000000', 6, 300, 280, Decimal('12:00'), 'Movie', 6)
(7, 'Cultural Festival', '2024-10-17', '17:00:00.0000000', 7, 700, 650, Decimal('22:00'), 'Concert', 7)
(8, 'Erode Football Championship', '2024-12-12', '16:45:00:0000000', 8, 1500, 1300, Decimal('30:00'), 'Sports', 8)
(9, 'Rajmandir Art Exhibition', '2024-11-30', '10:30:00.0000000', 9, 400, 380, Decimal('30:00'), 'Concert', 9)
(10, 'JC Comedy Show', '2024-11-18', '19:00:00.0000000', 10, 250, 230, Decimal('15:00:0), 'Concert', 10)
(11, 'World Cup Auction', '2024-11-18', '20:00:00.0000000', 7, 18500, 1450, Decimal('1500:00'), 'Sports', 11)
(12, 'Thane Art Exhibition', '2024-11-18', '20:00:00.0000000', 7, 18500, 1450, Decimal('1500:00'), 'Sports', 11)
(13, 'Chennai Music Concert', '2024-11-18', '20:00:00.0000000', 7, 18500, 1450, Decimal('1500:00'), 'Sports', 11)
(14, 'Navratri Garba Night', '2024-11-18', '20:00:00.0000000', None, 595, None, Decimal('1500:00'), 'Sports', None)
Enter the event name: Winter Carnival
Enter your name: Subrat Shukla
Enter your name: Subrat Shukla
Enter your phone number: 9928211389
Customer created successfully.
Successfully booked 5 tickets for Winter Carnival. Remaining seats: 195
```

# 3. Cancelling Tickets:

```
    Create Event
    Book tickets
    Cancel tickets
    Get available tickets
    Get event details
    Exit
    Select from above options: 3
    Enter the booking_id: 12
    Successfully canceled 5 tickets.
```

### 4. Get Available Tickets:

```
Select from above options: 4
(450, 'Jaipur Film Festival')
(800, 'Jaipur Cricket Match')
(700, 'Udaipur Music Concert')
(550, 'Trishul Dance Show')
(1000, 'High Act')
(280, 'Vellore Movie Night')
(650, 'Cultural Festival')
(1300, 'Erode Football Championship')
(380, 'Rajmandir Art Exhibition')
(230, 'JC Comedy Show')
(1450, 'World Cup Auction')
(1450, 'Thane Art Exhibition')
(1450, 'Chennai Music Concert')
(None, 'Navratri Garba Night')
(None, 'Winter Carnival')
```

### 5. Get Event Details:

```
Select from above options: 5
(1, 'Jaipur Film Festival', '2024-09-15', '18:00:00.0000000', 1, 500, 450, Decimal('15.00'), 'Movie', 1)
(2, 'Jaipur Cricket Match', '2024-10-10', '15:30:00.0000000', 2, 1000, 800, Decimal('25.00'), 'Sports', 2)
(3, 'Udaipur Music Concert', '2024-11-05', '20:00:00:0000000', 3, 800, 700, Decimal('20.00'), 'Concert', 3)
   'Trishul Dance Show', '2024-11-20', '19:30:00.0000000', 4, 600, 550, Decimal('18.00'), 'Concert', 4)
(5, 'High Act', '2024-10-15', '18:00:00.0000000', 5, 1200, 1000, Decimal('10.00'), 'Drama', 5)
(6, 'Vellore Movie Night', '2024-09-08', '21:00:00.0000000', 6, 300, 280, Decimal('12.00'), 'Movie', 6)
(7, 'Cultural Festival', '2024-10-17', '17:00:00.0000000', 7, 700, 650, Decimal('22.00'), 'Concert', 7)
(8, 'Erode Football Championship', '2024-12-12', '16:45:00.0000000', 8, 1500, 1300, Decimal('30.00'), 'Sports', 8)
(9, 'Rajmandir Art Exhibition', '2024-11-30', '10:30:00.0000000', 9, 400, 380, Decimal('8.00'), 'Concert', 9)
(10, 'JC Comedy Show', '2024-11-18', '19:00:00.0000000', 10, 250, 230, Decimal('15.00'), 'Concert', 10)
(11, 'World Cup Auction', '2024-10-18', '20:00:00.0000000', 7, 1500, 1450, Decimal('1500.00'), 'Sports', 11)
(12, 'Thane Art Exhibition', '2024-12-28', '20:00:00:0000000', 7, 18500, 1450, Decimal('1500.00'), 'Sports', 11)
(13, 'Chennai Music Concert', '2024-11-18', '20:00:00.0000000', 10, 16000, 1450, Decimal('1500.00'), 'Sports', 11)
(14, 'Navratri Garba Night', '2024-10-09', '17:48:37.0000000', None, 595, None, Decimal('100.00'), 'concert', None)
(15, 'Winter Carnival', '2024-10-12', '22:21:00.0000000', None, 195, None, Decimal('50.00'), 'sport', None)
```

# 6. Exiting from system:

```
    Create Event
    Book tickets
    Cancel tickets
    Get available tickets
    Get event details
    Exit
    Eect from above options: 6
    Exiting the system. Thank you!

Process finished with exit code 0
```