

23.09.24

## HOME TASK

# Ticket Booking Chatbot

```
def trip_plan():
    places = {
        "1": {"name": "Dubai", "price": 500000},
        "2": {"name": "Singapore", "price": 300000},
        "3": {"name": "Malasiya", "price": 400000}
    }

    booked_tickets=[]

    def show_places():
        print("Available Places:")
        for key, place in places.items():
            print(f"{key}. {place['name']} - ${place['price']}")

    def check_price(place_id):
        if place_id in places:
            print(f"The price for {places[place_id]['name']} is ${places[place_id]['price']}")
        else:
            print("Invalid place selection.")

    def book_ticket(place_id):
        if place_id in places:
            booked_tickets.append(places[place_id]['name'])
            print(f"Ticket for {places[place_id]['name']} booked successfully!")
        else:
            print("Invalid movie selection.")

    # Main chatbot interaction
    while True:
        print("\nWelcome to TicketBot!")
        print("1. Show available places")
        print("2. Check ticket price")
        print("3. Book a ticket")
        print("4. Exit")
```

```

choice = input("Please enter your choice (1-4): ")

if choice == "1":
    show_places()
elif choice == "2":
    place_id = input("Enter the place number to check price: ")
    check_price(place_id)
elif choice == "3":
    place_id = input("Enter the place number to book ticket: ")
    book_ticket(place_id)
elif choice == "4":
    print("Thank you for using TicketBot! Goodbye!")
    break
else:
    print("Invalid choice. Please try again.")

trip_plan()

```

## # Quiz Program

```

def quiz():
    questions = {
        "What is the capital of France?": "Paris",
        "Which planet is known as the Red Planet?": "Mars",
        "Who wrote 'Romeo and Juliet'?": "Shakespeare",
        "What is the chemical symbol for water?": "H2O",
        "How many continents are there on Earth?": "7"
    }

    score = 0
    total_questions = len(questions)

    for question, answer in questions.items():
        print(question)
        user_answer = input("Your answer: ")
        if user_answer.strip().lower() == answer.lower():

```

```
        print("Correct!")
        score += 1
    else:
        print(f"Incorrect! The correct answer is {answer}.")

    print(f"\nQuiz completed! Your score is {score} out of {total_questions}.")

quiz()
```