Chatbot code python

def greet():

print("Hi! Welcome to the flight booking application. How can I help you today?")

def book\_flight():

print(

"Sure, let's book a flight for you. Can you please tell me your departure and destination cities?:"

)

departure = input("Departure city: ")

destination = input("Destination city: ")

print("Great! Now, can you tell me your travel dates?")

departure\_date = input("Departure date (YYYY-MM-DD): ")

return\_date = input("Return date (YYYY-MM-DD): ")

print(

"Thank you! Your flight has been booked from {0} to {1} departing on {2} and returning on {3}.".format(

departure, destination, departure\_date, return\_date

)

)

def check\_flight\_availability():

print(

"Sure, let me check the availability of flights for you. Can you please tell me your departure and destination cities? :"

)

departure = input("Departure city: ")

destination = input("Destination city: ")

print("Great! Now, can you tell me your travel dates?")

departure\_date = input("Departure date (YYYY-MM-DD): ")

print(

"Flights are available from {0} to {1} on {2}".format(

departure, destination, departure\_date

)

)

def get\_flight\_price():

print(

"Sure, let me check the price of the flight for you. Can you please tell me your travel dates?"

)

departure\_date = input("Departure date (YYYY-MM-DD): ")

return\_date = input("Return date (YYYY-MM-DD): ")

print("The price for your travel dates is $500.")

def book\_hotel():

print(

"Sure, let's book a hotel for you. Can you please tell me your destination city?"

)

destination = input("Destination city: ")

print("Great! Now, can you tell me your travel dates?")

checkin\_date = input("Check-in date (YYYY-MM-DD): ")

checkout\_date = input("Check-out date (YYYY-MM-DD): ")

print(

"Thank you! Your hotel has been booked in {0} from {1} to {2}.".format(

destination, checkin\_date, checkout\_date

)

)

def cancel\_booking():

print(

"Sorry to hear that you want to cancel your booking. Please provide me with your booking reference number."

)

booking\_ref = input("Booking reference number: ")

print(

"Your booking with reference number {0} has been cancelled.".format(booking\_ref)

)

def end():

print("Thank you for using the flight booking application. Have a great day!")

greet()

while True:

response = input(

"\nWhat would you like to do? (book a flight, check flight availability, get flight price, book hotel, cancel booking, exit): \n"

)

if "cancel" in response:

cancel\_booking()

elif "hotel" in response:

book\_hotel()

elif "book" in response:

book\_flight()

elif "check" in response:

check\_flight\_availability()

elif "price" in response:

get\_flight\_price()

elif "exit" in response:

end()

break

else:

print("I'm sorry, I didn't understand that. Please try again.")

output

Hi! Welcome to the flight booking application. How can I help you today?

What would you like to do? (book a flight, check flight availability, get flight price, book hotel, cancel booking, exit):

i want to book flight

Sure, let's book a flight for you. Can you please tell me your departure anddestination cities?:

Departure city: Pune

Destination city: Mumbai

Great! Now, can you tell me your travel dates?

Departure date (YYYY-MM-DD): 2023-03-14

Return date (YYYY-MM-DD): 2023-05-14

Thank you! Your flight has been booked from Pune to Mumbai departing on 2023-03-14 and returning on 2023-05-14.

What would you like to do? (book a flight, check flight availability, get flight price, book hotel, cancel booking, exit):

so sorry, i Want to cancel it

Sorry to hear that you want to cancel your booking. Please provide me with your booking reference number.

Booking reference number: 100

Your booking with reference number 100 has been cancelled.

What would you like to do? (book a flight, check flight availability, get flight price, book hotel, cancel booking, exit):

i wnat to book hotel

Sure, let's book a hotel for you. Can you please tell me your destination city?

Destination city: Pune

Great! Now, can you tell me your travel dates?

Check-in date (YYYY-MM-DD): 2023-05-14

Check-out date (YYYY-MM-DD): 2023-05-30

Thank you! Your hotel has been booked in Pune from 2023-05-14 to 2023-05-30.

What would you like to do? (book a flight, check flight availability, get flight price, book hotel, cancel booking, exit):

thanks

I'm sorry, I didn't understand that. Please try again.

What would you like to do? (book a flight, check flight availability, get flight price, book hotel, cancel booking, exit):

thanks, exit

Thank you for using the flight booking application. Have a great day!

>