def greet():

    print("\nHello I am a chatbot for Cafe Amprapali. How can I help you ?")

    options = """ 1] Browse menu. \n 2] Order a takeout. \n 3] Book a table. \n 4] Exit"""

    print(options)

def greet\_1():

    print("\nWhat else ?")

    options = """\n 1] Browse menu. \n 2] Order a takeout. \n 3] Book a table. \n 4] Exit"""

    print(options)

def menu():

    menu = """\nSNACK \n 1] Pohe \n 2] Vadapav \n 3] Pattice \n\n LUNCH \n 1] Vegthali

 2] Chickenthali \n 3] Andathali \n\n  DRINKS \n 1] Soda \n 2] Cocktail"""

    print(menu)

def order():

    menu = ["pohe", "vadapav", "pattice", "vegthali", "chickenthali", "andathali", "soda", "cocktail"]

    print("\nWhat would you like to order ?")

    while(True):

        item = input().lower()

        if(item not in menu):

            print("Sorry. We do not serve this item. Choose another item.")

        else:

            break

    number = int(input("how many ? \n"))

    address = input("enter address : ")

    name = input("enter name : ")

    order = {"item" : item, "number": number, "name":name, "address": address}

    print("here is the summary.")

    print(order)

def book():

    date = input("Enter the date.")

    print("Time for booking ?")

    time = input()

    number = int(input("how many people ? \n"))

    name = input("enter name : ")

    booking = {"name":name, "number": number, "date": date, "time": time}

    print("here is the summary.")

    print(booking)

def end():

    print('Goodbye, have a nice day!')

    print('.................................')

    print('.................................')

    quit()

greet()

while(True):

    option = input()

    if(option == "1" or option == "Browse menu"):

        menu()

    elif(option == "2" or option == "Order a takeout"):

        order()

    elif(option == "3" or option == "Book a table"):

        book()

    elif(option == "4" or option == "Exit"):

        end()

        break

    else:

        print("Please enter a valid choice.")

    greet\_1()