FOOD ORDERING AND DELIVERY SYSTEM

ICT LAB PROJECT:

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ABSTRACT:

ONLINE FOOD ORDER SYSTEM is mainly designed primarily function for use in the food delivery industry. This method will enable hotels and restaurants to expand their online food ordering services. Customers can choose from a variety of menu options in only a few minutes. In the modern food industries allows to quickly and easily delivery on customer's location. Restaurant employee then process these orders using a graphical interface that is simple to navigate and easy to deliver at the customer's location.

INTRODUCTION:

For restaurants, an online food ordering and delivery system is **a simple portal where regular customers can place their orders, and get them delivered to their desired destination.**

This **Food Ordering and delivery System** is a project that allows customer to order some food through the digital transaction of ordering. The benefit of the system is to efficiently take the customer's order and give them a proper calculation and generate a billing receipt and deliver the ordered food to the customer's location. The user can openly access the system without providing login information. The user can take the order of the customer after selecting in the menu, then he/she can give the total price for the ordered item of the customer. The system will auto calculate the ordered item including the quantity of the item and total cost.

This system not only improves customer's experience but also eases the workload on the staff. As there is no visual menu shown during a phone call, the employees have to repeat a lot of things again and again to the customers. It's a time-consuming process which at times irritates customers. Also, it takes a lot of time of the staff. It would be much more comfortable for the customers to have an online Food ordering system. It would be hassle-free for users as they can select the food item they want and make payment for it and the food item will be delivered to the customer's desired location.

OBJECTIVES:

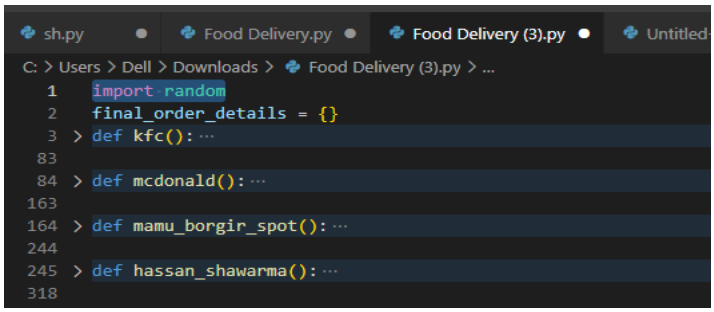
The objectives of this system are as follows:

- To evaluate the way of interaction with customers.
- To determine the factors that influence customer when ordering food online.
- To computerize the food ordering system process and display computer generated receipt.

MODULES:

Random:

In this project we have used "**Random**" module. This module returns a random float number between the given range.



Functions Used:

We have also created many user-defined functions. User-defined functions are functions that you use to organize your code in the body of a policy. Once you define a function, you can call it in the same way as the built-in action and parser functions. In python **def** keyword is **used to define a function**, it is placed before a function name that is provided by the user to create a user-defined function.

In our food ordering and delivery system we have defined functions for different restaurants and called the functions where needed. These functions are:

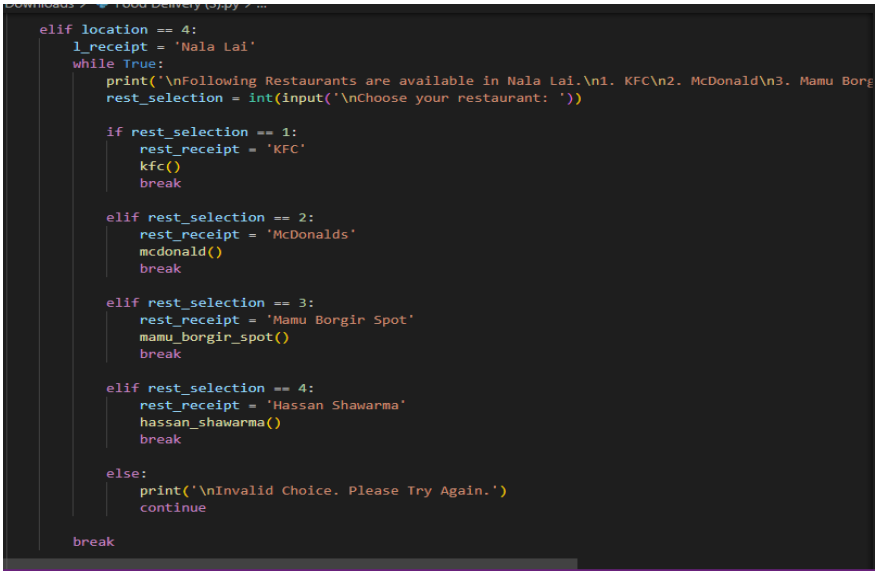
- kfc
- mcdonalds

- mamu burger spot
- hassan shawarma

These functions are named on restaurants and the function of costumer desired restaurant is called.

If-else Statements:

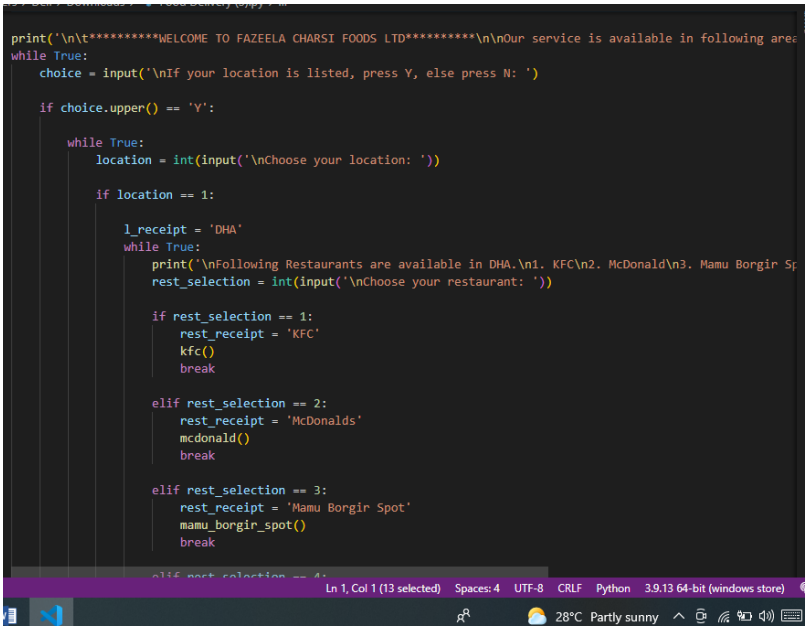
We have also used loops and if-else conditional statements. The if-else statement is **used to execute both the true part and the false part of a given condition**. If the condition is true, the if block code is executed and if the condition is false, the else block code is executed.



```
elif location == 4:
    l_receipt = 'Nala Lai'
    while True:
        print('\nFollowing Restaurants are available in Nala Lai.\n1. KFC\n2. McDonald\n3. Mamu Borg
        rest_selection = int(input('\nChoose your restaurant: '))

        if rest_selection == 1:
            rest_receipt = 'KFC'
            kfc()
            break

        elif rest_selection == 2:
            rest_receipt = 'McDonalds'
            mcdonald()
            break

        elif rest_selection == 3:
            rest_receipt = 'Mamu Borgir Spot'
            mamu_borgir_spot()
            break

        elif rest_selection == 4:
            rest_receipt = 'Hassan Shawarma'
            hassan_shawarma()
            break

        else:
            print('\nInvalid Choice. Please Try Again.')
            continue

    break
```

While Loop:

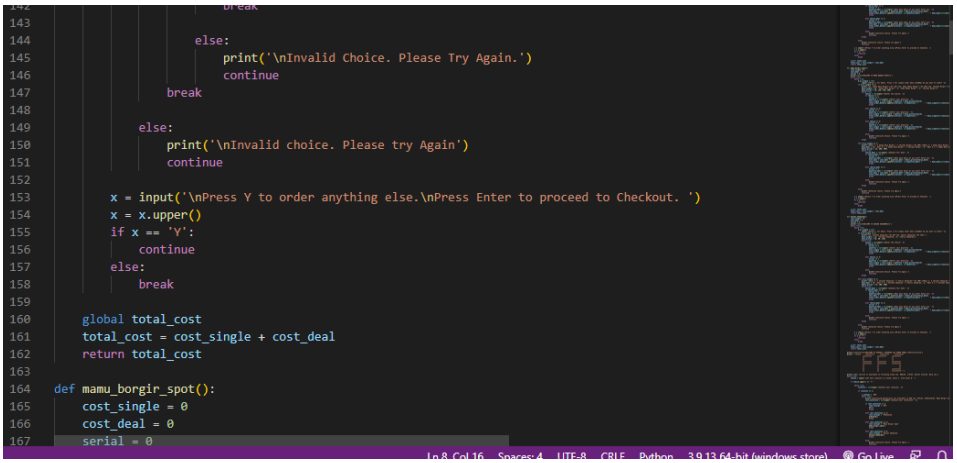
With the **while** loop we can execute a set of statements as long as a condition is true.



```
print('\n\t**********WELCOME TO FAZEELA CHARSI FOODS LTD*********\n\nOur service is available in following area
while True:
    choice = input('\nIf your location is listed, press Y, else press N: ')

    if choice.upper() == 'Y':

        while True:
            location = int(input('\nChoose your location: '))

            if location == 1:

                l_receipt = 'DHA'
                while True:
                    print('\nFollowing Restaurants are available in DHA.\n1. KFC\n2. McDonald\n3. Mamu Borgir Sp
                    rest_selection = int(input('\nChoose your restaurant: '))

                    if rest_selection == 1:
                        rest_receipt = 'KFC'
                        kfc()
                        break

                    elif rest_selection == 2:
                        rest_receipt = 'McDonalds'
                        mcdonald()
                        break

                    elif rest_selection == 3:
                        rest_receipt = 'Mamu Borgir Spot'
                        mamu_borgir_spot()
                        break
```

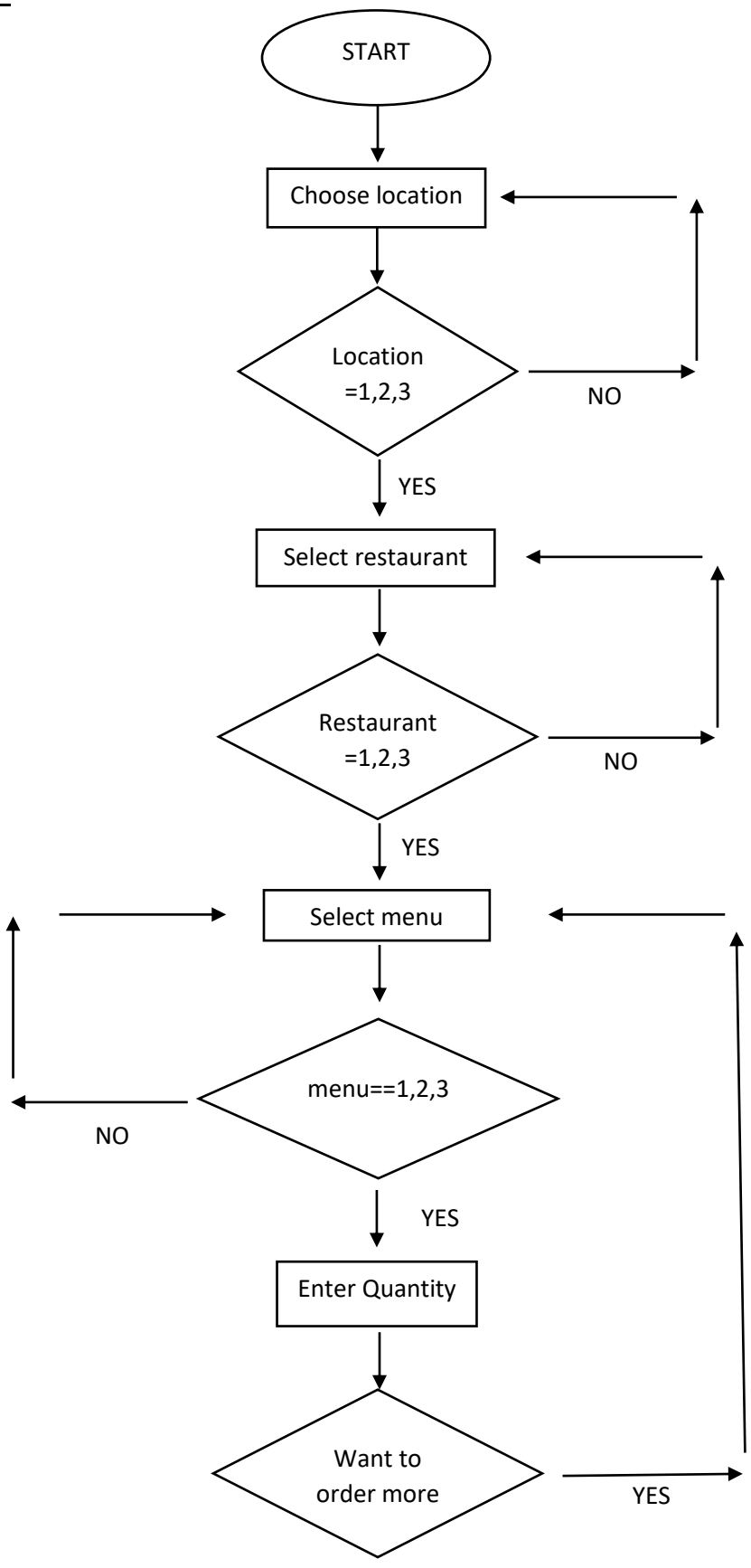
Continue and Break:

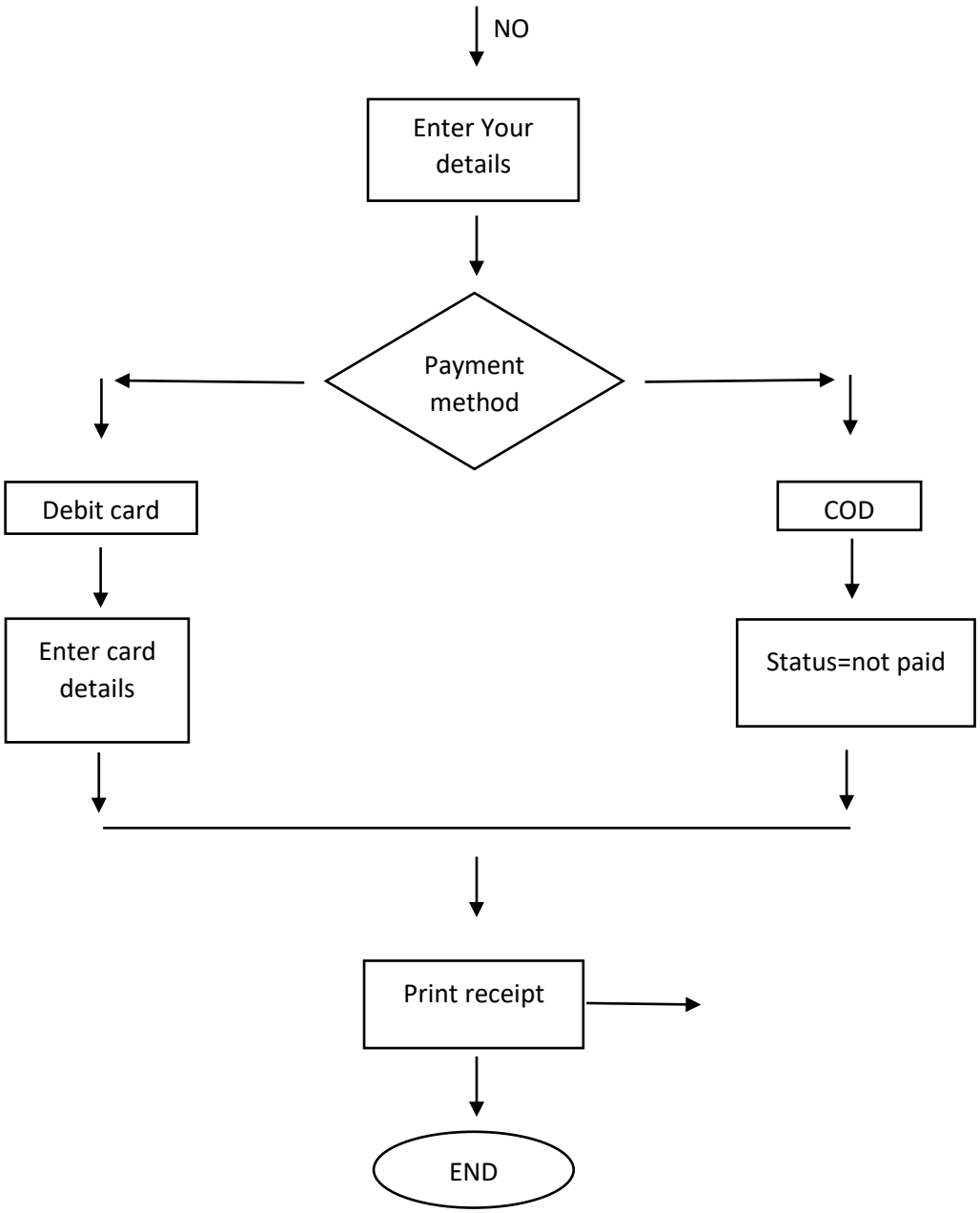
With the break statement we can stop the loop even if the while condition is true. With continue statement the loop will start again.



```
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            else:
                print('\nInvalid choice. Please try Again')
                continue

        x = input('\nPress Y to order anything else.\nPress Enter to proceed to Checkout. ')
        x = x.upper()
        if x == 'Y':
            continue
        else:
            break

    global total_cost
    total_cost = cost_single + cost_deal
    return total_cost

def mamu_borgir_spot():
    cost_single = 0
    cost_deal = 0
    serial = 0
```

FLOW CHART:


START
Choose location
Location
=1,2,3
NO
YES
Select restaurant
Restaurant
=1,2,3
NO
YES
Select menu
menu==1,2,3
NO
YES
Enter Quantity
Want to
order more
YES



ALGORITHM:

1. Costumer enter yes if our service is available in their location and the enter the location.
2. If service is not available at their location press enter.
3. Enter the location.
4. If service isn't available at the entered location, go to step 1 (Select the location).
5. If available location is selected, Select the restaurant from the list of available restaurants.
6. Select the menu.

7. If the selected food item is available in the menu, then enter the quantity of food item selected. Else, continue.
8. If the customer wants to order anything else, go to step 4 and again select the menu.
9. If customer doesn't want to order further, then press enter and proceed to check out.
10. Enter your details (Name, Address, phone number).
11. Select the payment method.
12. Order receipt will be generated with list of selected food items, costumer details and total cost.

```
Our service is available in following areas:
1. DHA
2. I-8
3. Hostel City
4. Nala Lai

If your location is listed, press Y, else press N: y

Choose your location: 1

Following Restaurants are available in DHA.
1. KFC
2. McDonald
3. Mamu Borgir Spot
4. Hassan Shawarma

Choose your restaurant: 1

        ***WELCOME TO KFC***

Press 1 for Deals. Press 2 for single order menu.

What do you want to order? 1

Deal 1: 2 Mighty Zingers + 1 Zingaratha---Rs 1000/-
Deal 2: 2 Mighty Zingers + 2 Drinks---Rs 850/-

Choose Your deal: 2

How many deals do you want? Enter pls: 1

Press Y to order anything else.
Press Enter to proceed to Checkout.
```

```
**********COSTUMER DETAILS**********

Enter your details.

Enter your name: rfafr
Enter your phone number: 9845873
Enter your address: wefrrg

**********PAYMENT**********

How do you want to pay?
1. Cash on delivery
2. Debit Card
Choose 1 or 2: 1

Your order is placed. Here is your reciept

********** ORDER RECEIPT **********

Order ID: 8709
Costumer Name: rfafr
Costumer Phone Number: 9845873
Costumer Address: wefrrg
Location: DHA
Restaurant: KFC

Order Details:
1  :  1 Deal # 2: 2 Mighty Zingers + 2 Drinks --- Rs 850/-

Total Bill: Rs 850
Payment Method: Cash on Delivery
Payment Status: Not Paid

Thanks for shopping with us. Your order will reach you soon.
```

TEST CASES:

```
import random
final_order_details = {}
def kfc():
    cost_single = 0
    cost_deal = 0
    serial = 0
    print('\n\t***WELCOME TO KFC***')
    while True:
        while True:
            d_or_single = int(input('\nPress 1 for Deals. Press 2 f
            if d_or_single == 2:
                print('\n1. Mighty Zinger---Rs 500/-\n2. Zingaratha
                menu_single = {1: 'Mighty Zinger', 2: 'Zingratha',
                menu_prices = [0, 500, 250, 350]
                while True:
                    choice = int(input('\nEnter the choice: '))
                    if choice == 1:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity
                        cost_single = cost_single + quantity * menu
                        final_order_details.update({(serial): str(q
                        break

                    elif choice == 2:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity
                        cost_single = cost_single + quantity * menu
                        final_order_details.update({(serial): str(q
                        break

                    elif choice == 3:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity
                        cost_single = cost_single + quantity * menu
                        final_order_details.update({(serial): str(q
                        break
```

```
*IDLE Shell 3.10.2*
File  Edit  Shell  Debug  Options  Window  Help

Enter your details.

Enter your name: FAZEELA
Enter your phone number: 76843
Enter your address: GSFYS

**********PAYMENT**********

How do you want to pay?
1. Cash on delivery
2. Debit Card
Choose 1 or 2: 1

Your order is placed. Here is your reciept

*********** ORDER RECEIPT ***********

Order ID: 5197
Costumer Name: FAZEELA
Costumer Phone Number: 76843
Costumer Address: GSFYS
Location: DHA
Restaurant: KFC

Order Details:
Serial   QTY    Detail
  1       1     Deal # 1: 2 Mighty Zingers + 1 Zingaratha --
Rs 1000/-

Total Bill: Rs 1000
Payment Method: Cash on Delivery
Payment Status: Not Paid

Thanks for shopping with us. Your order will reach you soon.
```

```
import random
final_order_details = {}
def kfc():
    cost_single = 0
    cost_deal = 0
    serial = 0
    print('\n\t***WELCOME TO KFC***')
    while True:
        while True:
            d_or_single = int(input('\nPress 1 for Deals. Press 2 f
            if d_or_single == 2:
                print('\n1. Mighty Zinger---Rs 500/-\n2. Zingaratha
                menu_single = {1: 'Mighty Zinger', 2: 'Zingratha',
                menu_prices = [0, 500, 250, 350]
                while True:
                    choice = int(input('\nEnter the choice: '))
                    if choice == 1:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity
                        cost_single = cost_single + quantity * menu
                        final_order_details.update({(serial): str(q
                        break

                    elif choice == 2:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity
                        cost_single = cost_single + quantity * menu
                        final_order_details.update({(serial): str(q
                        break

                    elif choice == 3:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity
                        cost_single = cost_single + quantity * menu
                        final_order_details.update({(serial): str(q
                        break
```

```
Enter your details.

Enter your name: RSB
Enter your phone number: 42465
Enter your address: SDGVDV

**********PAYMENT**********

How do you want to pay?
1. Cash on delivery
2. Debit Card
Choose 1 or 2: 2

Enter your credit card number: 35243
Enter your credit card's expiry date: 232554
Enter your Credit Card's CVV: 52545

Your order is placed. Here is your reciept

*********** ORDER RECEIPT ***********

Order ID: 6858
Costumer Name: RSB
Costumer Phone Number: 42465
Costumer Address: SDGVDV
Location: I-8
Restaurant: McDonalds

Order Details:
Serial   QTY    Detail
  1       1     Big Mac --- Rs 560/-

Total Bill: Rs 560
Payment Method: Through debit card
Payment Status: Paid
```

Food Ordering and delivery system (CODE):

```
import random
final_order_details = {}
def kfc():
    cost_single = 0
    cost_deal = 0
    serial = 0
    print('\n\t***WELCOME TO KFC***')
    while True:
        while True:
            d_or_single = int(input('\nPress 1 for Deals. Press 2 for single
order menu.\n\nWhat do you want to order? '))
            if d_or_single == 2:
                print('\n1. Mighty Zinger---Rs 500/-\n2. Zingaratha---Rs 250/-
\n3. Chicken Nuggets---Rs 350/-')
                menu_single = {1: 'Mighty Zinger', 2: 'Zingratha', 3: 'Chicken
Nuggets'}
                menu_prices = [0, 500, 250, 350]
                while True:
                    choice = int(input('\nEnter the choice: '))
                    if choice == 1:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' +
str(menu_prices[choice]*quantity) + '/-'})
                        break

                    elif choice == 2:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' +
str(menu_prices[choice]*quantity) + '/-'})
                        break

                    elif choice == 3:
```

```
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' +
str(menu_prices[choice]*quantity) + '/-'})
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            elif d_or_single == 1:
                print('\nDeal 1: 2 Mighty Zingers + 1 Zingaratha---Rs 1000/-
\nDeal 2: 2 Mighty Zingers + 2 Drinks---Rs 850/-')
                menu_deal = {1: 'Deal # 1: 2 Mighty Zingers + 1 Zingaratha', 2:
'Deal # 2: 2 Mighty Zingers + 2 Drinks'}
                deals_prices = [0, 1000, 850]
                while True:
                    choice_deal = int(input('\nChoose Your deal: '))
                    if choice_deal == 1:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    elif choice_deal == 2:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    else:
```

```
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            else:
                print('\nInvalid choice. Please try Again')
                continue

        x = input('\nPress Y to order anything else.\nPress Enter to proceed to
Checkout. ')
        x = x.upper()
        if x == 'Y':
            continue
        else:
            break


    global total_cost
    total_cost = cost_single + cost_deal
    return total_cost

def mcdonald():
    cost_single = 0
    cost_deal = 0
    serial = 0
    print('\n\t***WELCOME TO MCDONALDS***')
    while True:
        while True:
            d_or_single = int(input('\nPress 1 for Deals. Press 2 for single
order menu.\n\nWhat do you want to order? '))
            if d_or_single == 2:
                print('\n1. Mccrispy---Rs 780/-\n2. Big Mac---Rs 560/-\n3. Fries-
--Rs 100/-')
                menu_single = {1: 'Mccrispy', 2: 'Big Mac', 3: 'Fries'}
                menu_prices = [0, 780, 560, 100]
                while True:
                    choice = int(input('\nEnter the choice: '))
                    if choice == 1:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
```

```
                        break

                    elif choice == 2:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    elif choice == 3:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            elif d_or_single == 1:
                print('\nDeal 1: 2 Mccrispy + 1 Big Mac---Rs 1500/-\nDeal 2: 1
Big Mac + 2 Fries---Rs 600/-')
                menu_deal = {1: 'Deal # 1: 2 Mccrispy + 1 Big Mac', 2: 'Deal # 2:
1 Big Mac + 2 Fries'}
                deals_prices = [0, 1500, 600]
                while True:
                    choice_deal = int(input('\nChoose Your deal: '))
                    if choice_deal == 1:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break
```

```
                    elif choice_deal == 2:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            else:
                print('\nInvalid choice. Please try Again')
                continue

        x = input('\nPress Y to order anything else.\nPress Enter to proceed to
Checkout. ')
        x = x.upper()
        if x == 'Y':
            continue
        else:
            break

    global total_cost
    total_cost = cost_single + cost_deal
    return total_cost

def mamu_borgir_spot():
    cost_single = 0
    cost_deal = 0
    serial = 0
    print('\n\t***WELCOME TO MAMU BORGIR SPOT***')
    while True:
        while True:
            d_or_single = int(
                input('\nPress 1 for Deals. Press 2 for single order
menu.\n\nWhat do you want to order? '))
            if d_or_single == 2:
```

```
                print('\n1. Anday Wala Borgir---Rs 120/-\n2. Anda Shami Borgir---
Rs 150/-\n3. Chicken Borgir---Rs 200/-')
                menu_single = {1: 'Anday Wala Borgir', 2: 'Anda Shami Borgir', 3:
'Chicken Borgir'}
                menu_prices = [0, 120, 150, 200]
                while True:
                    choice = int(input('\nEnter the choice: '))
                    if choice == 1:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    elif choice == 2:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    elif choice == 3:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            elif d_or_single == 1:
```

```
                print('\nDeal 1: 2 Anday Wala Borgir + 2 Chicken Borgir---Rs
300/-\nDeal 2: 1 Anday Wala Borgir + 1 Anda Shami Borgir + 1 Chicken Borgir---Rs
400/-')
                menu_deal = {1: 'Deal # 1: 2 Anday Wala Borgir + 2 Chicken
Borgir', 2: 'Deal # 2: 1 Anday Wala Borgir + 1 Anda Shami Borgir + 1 Chicken
Borgir'}
                deals_prices = [0, 300, 400]
                while True:
                    choice_deal = int(input('\nChoose Your deal: '))
                    if choice_deal == 1:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    elif choice_deal == 2:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            else:
                print('\nInvalid choice. Please try Again')
                continue

        x = input('\nPress Y to order anything else.\nPress Enter to proceed to
Checkout. ')
        x = x.upper()
        if x == 'Y':
            continue
```

```
        else:
            break

    global total_cost
    total_cost = cost_single + cost_deal
    return total_cost

def hassan_shawarma():
    cost_single = 0
    cost_deal = 0
    serial = 0
    print('\n\t***WELCOME TO HASSAN SHAWARMA***')
    while True:
        while True:
            d_or_single = int(
                input('\nPress 1 for Deals. Press 2 for single order
menu.\n\nWhat do you want to order? '))
            if d_or_single == 2:
                print('\n1. Chicken Shawarma---Rs 60/-\n2. Charsi Shawarma---Rs
120/-')
                menu_single = {1: 'Chicken Shawarma', 2: 'Charsi Shawarma'}
                menu_prices = [0, 60, 120]
                while True:
                    choice = int(input('\nEnter the choice: '))
                    if choice == 1:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    elif choice == 2:
                        serial += 1
                        quantity = int(input('\nEnter your Quantity: '))
                        cost_single = cost_single + quantity *
menu_prices[choice]
                        final_order_details.update({(serial): str(quantity) +
'     ' + menu_single[int(choice)] + ' --- Rs ' + str(menu_prices[choice] *
quantity) + '/-'})
                        break

                    else:
```

```
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            elif d_or_single == 1:
                print('\nDeal 1: 2 Chicken Shawarma + 2 Charsi Shawarma---Rs
200/-\nDeal 2: 3 Chicken Shawaram + 3 Charsi Shawarma---Rs 400/-')
                menu_deal = {1: 'Deal # 1: 2 Chicken Shawarma + 2 Charsi
Shawarma', 2: 'Deal # 2: 3 Chicken Shawaram + 3 Charsi Shawarma'}
                deals_prices = [0, 200, 400]
                while True:
                    choice_deal = int(input('\nChoose Your deal: '))
                    if choice_deal == 1:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    elif choice_deal == 2:
                        serial += 1
                        quantity_deal = int(input('\nHow many deals do you want?
Enter pls: '))
                        cost_deal = cost_deal + quantity_deal *
deals_prices[choice_deal]
                        final_order_details.update({(serial): str(quantity_deal)
+ '     ' + menu_deal[int(choice_deal)] + ' --- Rs ' +
str(deals_prices[choice_deal] * quantity_deal) + '/-'})
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue
                break

            else:
                print('\nInvalid choice. Please try Again')
                continue

        x = input('\nPress Y to order anything else.\nPress Enter to proceed to
Checkout. ')
```

```
        x = x.upper()
        if x == 'Y':
            continue
        else:
            break

    global total_cost
    total_cost = cost_single + cost_deal
    return total_cost

print('\n\t**********WELCOME TO FAZEELA, FAAARINA and SARAM FOODS
LTD**********\n')
print('''\t\t\t     **********      **********      **********
                **********      **********      **********
                **              **              **
                **              **              **
                **********      **********      **********
                **********      **********      **********
                **              **                      **
                **              **                      **
                **              **              **********
                **              **              **********''')

print('\nOur service is available in following areas:\n1. DHA\n2. I-8\n3. Hostel
City\n4. Nala Lai')
while True:
    choice = input('\nIf your location is listed, press Y, else press N: ')

    if choice.upper() == 'Y':

        while True:
            location = int(input('\nChoose your location: '))

            if location == 1:

                l_receipt = 'DHA'
                while True:
                    print('\nFollowing Restaurants are available in DHA.\n1.
KFC\n2. McDonald\n3. Mamu Borgir Spot\n4. Hassan Shawarma')
                    rest_selection = int(input('\nChoose your restaurant: '))

                    if rest_selection == 1:
                        rest_receipt = 'KFC'
                        kfc()
                        break
```

```
                    elif rest_selection == 2:
                        rest_receipt = 'McDonalds'
                        mcdonald()
                        break

                    elif rest_selection == 3:
                        rest_receipt = 'Mamu Borgir Spot'
                        mamu_borgir_spot()
                        break

                    elif rest_selection == 4:
                        rest_receipt = 'Hassan Shawarma'
                        hassan_shawarma()
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue

                break

            elif location == 2:
                l_receipt = 'I-8'
                while True:
                    print('\nFollowing Restaurants are available in I-8.\n1.
KFC\n2. McDonald\n3. Mamu Borgir Spot\n4. Hassan Shawarma')
                    rest_selection = int(input('\nChoose your restaurant: '))

                    if rest_selection == 1:
                        rest_receipt = 'KFC'
                        kfc()
                        break

                    elif rest_selection == 2:
                        rest_receipt = 'McDonalds'
                        mcdonald()
                        break

                    elif rest_selection == 3:
                        rest_receipt = 'Mamu Borgir Spot'
                        mamu_borgir_spot()
                        break

                    elif rest_selection == 4:
```

```
                        rest_receipt = 'Hassan Shawarma'
                        hassan_shawarma()
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue

                break

            elif location == 3:
                l_receipt = 'Hostel City'
                while True:
                    print('\nFollowing Restaurants are available in Hostel
City.\n1. KFC\n2. McDonald\n3. Mamu Borgir Spot\n4. Hassan Shawarma')
                    rest_selection = int(input('\nChoose your restaurant: '))

                    if rest_selection == 1:
                        rest_receipt = 'KFC'
                        kfc()
                        break

                    elif rest_selection == 2:
                        rest_receipt = 'McDonalds'
                        mcdonald()
                        break

                    elif rest_selection == 3:
                        rest_receipt = 'Mamu Borgir Spot'
                        mamu_borgir_spot()
                        break

                    elif rest_selection == 4:
                        rest_receipt = 'Hassan Shawarma'
                        hassan_shawarma()
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue

                break

            elif location == 4:
                l_receipt = 'Nala Lai'
```

```
                while True:
                    print('\nFollowing Restaurants are available in Nala Lai.\n1.
KFC\n2. McDonald\n3. Mamu Borgir Spot\n4. Hassan Shawarma')
                    rest_selection = int(input('\nChoose your restaurant: '))

                    if rest_selection == 1:
                        rest_receipt = 'KFC'
                        kfc()
                        break

                    elif rest_selection == 2:
                        rest_receipt = 'McDonalds'
                        mcdonald()
                        break

                    elif rest_selection == 3:
                        rest_receipt = 'Mamu Borgir Spot'
                        mamu_borgir_spot()
                        break

                    elif rest_selection == 4:
                        rest_receipt = 'Hassan Shawarma'
                        hassan_shawarma()
                        break

                    else:
                        print('\nInvalid Choice. Please Try Again.')
                        continue

                break

            else:
                print('\nInvalid Choice. Please Try Again.')
                continue

        print('\n**********COSTUMER DETAILS**********\n\nEnter your details.')
        name = input('\nEnter your name: ')
        phone = input('Enter your phone number: ')
        address = input(('Enter your address: '))
        payment = int(input('\n**********PAYMENT**********\n\nHow do you want to
pay?\n1. Cash on delivery\n2. Debit Card\nChoose 1 or 2: '))

        if payment == 2:
            payment_choice = 'Through debit card'
            status = 'Paid'
```

```
            cc_no = int(input('\nEnter your credit card number: '))
            expiry = (input('Enter your credit card\'s expiry date: '))
            cvv = int(input('Enter your Credit Card\'s CVV: '))

        elif payment == 1:
            payment_choice = 'Cash on Delivery'
            status = 'Not Paid'
        print('\nYour order is placed. Here is your reciept')
        order_id = random.randint(1000, 10000)
        print(f'''\n********** ORDER RECEIPT **********\n\nOrder ID:
{order_id}\nCostumer Name: {name}\nCostumer Phone Number: {phone}\nCostumer
Address: {address}\nLocation: {l_receipt}\nRestaurant: {rest_receipt}\n''')
        print('Order Details:')
        print('Serial   QTY    Detail')
        for key, value in final_order_details.items():
            print(' ', key, '      ', value)
        print(f'\nTotal Bill: Rs {total_cost}\nPayment Method:
{payment_choice}\nPayment Status: {status}\n\nThanks for shopping with us. Your
order will reach you soon.')
        break

    elif choice.upper() == 'N':
        print('\nSorry for inconvenience. We will expand our operations to your
area soon.')
        break

    else:
        print('\nInvalid Choice. Please Try Again.')
        continue
```