

DIVINE LIGHT SCHOOL



SESSION: **2025-2026**

COMPUTER SCIENCE PROJECT

TOPIC: FOOD PORTAL

LANGUAGE USED PYTHON AND MY SQL

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ACKNOWLEDGEMNT

It is with pleasure that I acknowledge my sincere gratitude to our teacher, **MRS SANDHYA THAKUR** who taught and undertook the responsibility of teaching the subject computer science. I have been greatly benefited from his classes.

I am especially indebted to our Honourable Principal **MR. RAJESH KUMAR SHARMA** who has always been a source of encouragement and support and without whose inspiration this project would not have been a successful I would like to place on record heartfelt thanks to him.

I also acknowledge with a deep sense of reverence, my gratitude towards my parents, other faculty members of the school and friends for their valuable suggestions given to me in completing the project

SIGNATURE

CERTIFICATE

This is to certify that Namandeep Kaur of class: **XII SCIENCE OF DIVINE LIGHT SCHOOL** has done her project on "**Food Portal**" under my supervision. She has taken interest and has shown at most sincerity in completion of this project.

I certify this project up to my expectation & as per guidelines issued by **CBSE, NEW DELHI**.

External Signature:

Internal Signature:

Principal Signature:

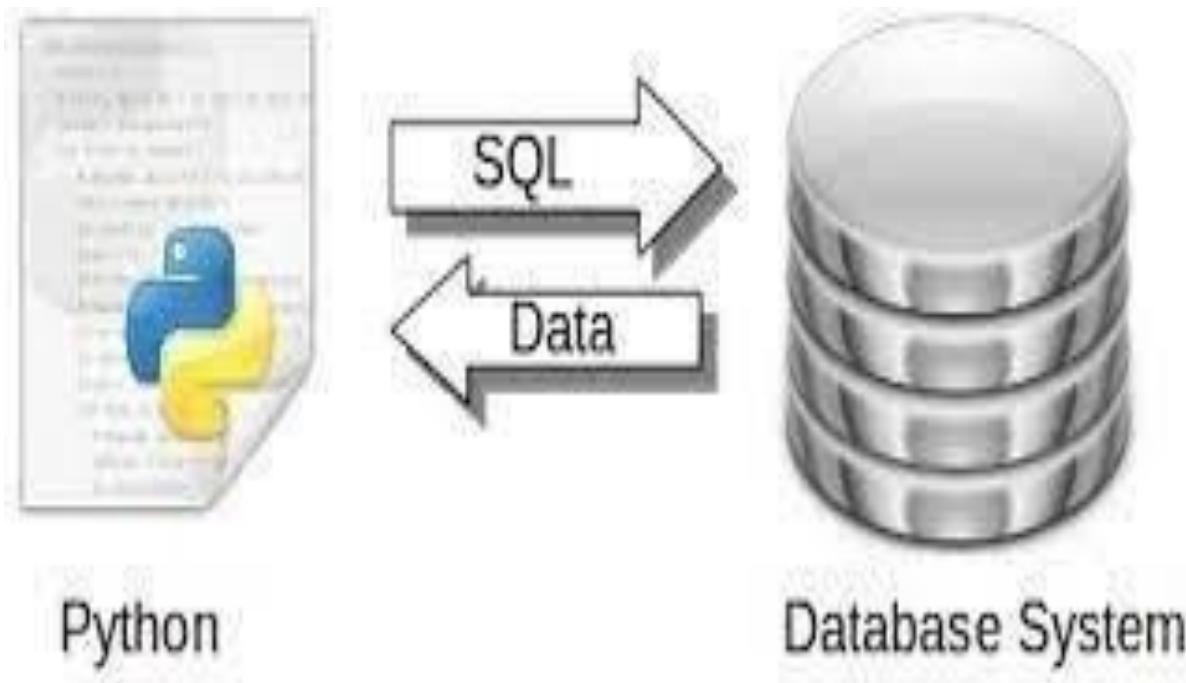
HARDWARES AND SOFTWARES REQUIRED

- HARDWARES-

1. Desktop Computer
2. PC

- SOFTWARES-

1. Python (latest version)
2. MySQL
3. Python Connector Module



INTRODUCTION

Welcome to food portal

In the hustle and bustle of our daily lives, finding a quick and delicious meal can be a challenge. But fear not, for we present to you the **Food Portal** – a digital haven for all your culinary cravings! Whether you're an admin looking to manage the portal with precision or a hungry soul ready to explore a world of delectable options, our portal had made sure that you are covered.

Admin Access: Unlock the Power

The gateway to culinary control lies in the hands of the admin. Armed with a secure password, the admin block opens up a realm of possibilities for managing the Food Portal with finesse. From overseeing orders to updating the menu, the admin has the key to culinary command.

Ordering Bliss: Explore and Indulge

For the food enthusiasts who crave a delightful dining experience, the Food Portal offers an extensive array of culinary delights. Browse through a tempting menu showcasing a variety of dishes, each with its own unique flavour profile. With just a few clicks, you can place your order and tantalize your taste buds with the finest cuisines.

Seamless Exit: You're Way Out

Had your fill of culinary delights or finished managing the admin block? Fear not, for the exit is as smooth as your favourite dessert. With a simple command, bid adieu to the Food Portal, knowing that it's always ready to welcome you back for your next gastronomic adventure.

Embrace the fusion of technology and taste with the Food Portal – where admin control meets culinary exploration. Join us on this digital journey, and let the flavours of innovation and convenience tantalize your senses. Bon appétit!

Our MISSION

Our mission is to create a vibrant and interconnected food community, fostering a love for diverse cuisines and culinary experiences. Whether you're a food enthusiast looking for your next dining adventure or a restaurant seeking to expand your reach, our project FOOD PORTAL is the go-to platform for all things food-related.

Join us on this exciting journey as we redefine the way people discover, share, and savor the world of food through our project FOOD PORTAL.

Feel free to customize this introduction to better fit the specific features and goals of your food portal project.

PYTHON SOURCE CODE

```
import mysql.connector as pro
d=pro.connect(host="localhost",user="root",password=""
admin",database="food") e=d.cursor()
```

```
# ADDING FOOD OPTION FOR ADMIN def
add_food():
```

```
d=pro.connect(host="localhost",user="root",password=""
admin",database="food") e=d.cursor()
ser=int(input("Enter the Food ID:")) fi=input("Enter
the Food name:") fp=int(input("Enter the Price of
Food:")) ft=input("Enter the Food Type:")
e.execute("insert into item values
({},{},{},{})".format(ser,fi,fp,ft))
print("NEW FOOD ADDED SUCCESSFULLY")
d.commit()
```

```
# UPDATING FOOD & PRICE OPTION
FOR ADMIN
```

```
def update_food():
d=pro.connect(host="localhost",user="root",password=""
admin",database="food") e=d.cursor() print("1.
```

```
update food name")    print("2. update food price")
us=int(input("Enter your choice :"))   if us==1:
    fnid=int(input("Enter the Food ID whose food
name you want to update :"))
    fna=input("Enter the updated Food Name: ")
    e.execute("update Item set Food_Item='{}' where
S_no={}".format(fna,fnid))      print("UPDATED
SUCCESSFULLY")
    d.commit()
elif us==2:
    fnic=int(input("Enter the Food ID whose food price
you want to update :"))      fnf=input("Enter the
updated Food Price: ")      e.execute("update Item set
Prices={} where S_no={}".format(fnf,fnic))
    print("UPDATED SUCCESSFULLY")
    d.commit()    print("You have been Redirected to
the Admin page")    ad_login()
```

```
# DELETING FOOD OPTION FOR
ADMIN    def
delete_food():
```

```
d=pro.connect(host="localhost",user="root",password=""  
admin",database="food") e=d.cursor()  
fidd=int(input("Enter the Food ID you want to delete  
:"))  
e.execute("delete from item where S_no={}".format(fidd))  
print("YOU HAVE DELETED A FOOD ITEM  
SUCCESSFULLY")  
d.commit()
```

```
# VIEWING ORDER HISTORY OPTION  
FOR ADMIN def  
view_orders():
```

```
d=pro.connect(host="localhost",user="root",password=""  
admin",database="food") e=d.cursor() fgg=("select  
* from orders") print("Details of all orders are:")  
e.execute(fgg)  
rtt=e.fetchall() for  
i in rtt:  
  
print("*****")  
print("Food name:",i[0])  
print("Food price:",i[1])
```

```
print("Total price:",i[2])
print("Phone NO:",i[3])
print("Address:",i[4])

print("*****")
print("*****")
```

```
# LOGIN OPTION FOR ADMIN      def
ad_login():
    while 1:
        print("1. Add food")      print("2.
Update food")      print("3. Delete food")
        print("4. View orders")      print("5.
Logout")      ask=int(input("Enter your
Choice: "))
        if ask==1:
            add_food()
        elif ask==2:
            update_food()
        elif ask==3:
            delete_food()
        elif ask==4:
            view_orders()
        elif ask==5:
```

```
return

# PASSWORD FOR ADMIN TO LOGIN

def ad_panel():
    pas=input("Enter Password :")
    if pas=='Zomato':
        print("Access granted")
    ad_login() else:
        print("Wrong Password")      print("You have been
REDirected to the Main Page")      admin()

# FOOD ITEMS TO SHOW

CUSTOMER      def show_menu():
    e.execute("select * from item")    w=e.fetchall()
    print("-----MENU FOR TODAY-----")
    for i in w:
        print("Food No.",i[0],"Food Name:",i[1],"-
Price:",i[2],"--Food type:",i[3] )    d.commit()
        ui=input("Do you want to order food:")    if
        ui=="Yes" or ui=="yes":      F_order()    else:
            print("Thank you")      print("You have been
Redirected to the Main Page")      return
```

TO PLACE ORDER OF FOOD ITEM

```
def F_order():
    io=int(input("Enter the food item no. you want to
order:"))
    QTY=int(input("Enter QTY of food:"))
    phn=int(input("Enter your Phone NO:"))
    ADR=input("Enter your Address:")   fi=("select * from
item where S_no={}".format(io))   e.execute(fi)
    fi=e.fetchall()   iname=fi[0][1]   iprice=fi[0][2]
    oprice=iprice*QTY
    ins="insert into
orders(O_name,I_price,O_price,P_no,ADR)values('{}',{},{},{})".format(iname,iprice,oprice,phn,ADR)
    print("*****BILL*****")
    print("Address:",ADR)   print("Phone NO:",phn)
    print("Food name:",iname)   print('Food price:',iprice)
    print("QTY of food:",QTY)   print('Total price:',oprice)
    print("*****")   print("Thanks for
ordering food")   print("Your order has been
confirmed")   print("You have been Redirected to the
MAIN PAGE")   e.execute(ins)
    d.commit()
```

VIEWING YOUR FOOD ORDER

```
HISTORY def
F_View():
    yno=int(input("Enter your phone NO:"))
    a=("select
* from orders where P_no={}").format(yno)
    e.execute(a)
    rt=e.fetchall()
    if len(rt)>0:
        for i in rt:
            print("Your recent orders are:")
            print("*****YOUR ORDER DETAILS ARE
SHOWN BELOW*****")
            print("Food name:",i[0])
            print("Food price:",i[1])
            print("Total price:",i[2])
            print("Phone NO:",i[3])
            print("Address:",i[4])
        else:
            print("YOU HAVE NOT PLACED ANY ORDER")
    d.commit()

# CANCELING YOUR FOOD ORDER
def F_Cancel():
    cor=int(input("Enter your phone NO:"))
    dele=("delete from orders where P_no={}").format(cor)
    e.execute(dele)
    print("Your order has been cancelled")
```

SUCCESSFULLY")

```
    print("You have been Redirected to the MAIN PAGE")
    d.commit()
```

```
    # FEEDBACK OPTION FOR
    CUSTOMER    def
```

```
    F_feedb():
```

```
        fdb=int(input("Enter your Phone NO:"))
```

```
        print("Give us Feedback--")  fdc=input(
        "")
```

```
        fdp="insert into Feed values
```

```
        P_no,F_back={},'{}'''.format(fdb,fdc)
```

```
        print("THANKS FOR YOUR FEEDBACK")
```

```
        print("You have been Redirected to MAIN PAGE")
```

```
        d.commit()
```

```
    # MAIN MENU FOR CUSTOMER
```

```
def main_menu():    while True:
```

```
        print("-----WELCOME TO FOOD
PORTAL-----")      print("1. Main
Menu")      print("2. Place your Orders")
        print("3. View order")     print("4. Cancel
your Order")      print("5. Feedback")
```

```
print("6. Exit")      a=int(input("Enter the
Service you want:"))      if a==1:
                           show_menu()
elif a==2:
F_order()      elif
a==3:
F_View()      elif
a==4:
F_Cancel()      elif
a==5:
F_feedb()      elif
a==6:          break
```

HOME PAGE

```
def admin():
```

```
while True:
```

```
print("*****")
**)      print("WELCOME TO FOOD
PORTAL")
```

```
           print("1. Admin Login")
```

```
           print("2. Customer Login")
```

```
           print("3. EXIT")
```

```
op=int(input("Enter option :"))      if
op==1:
    ad_panel()
elif op==2:
    main_menu()
elif op==3:
    break
admin()
```

MySQL Database

FOOD ITEM TABLE:

```
mysql> select * from item;
```

S_no	Food_Item	Prices	Food_Type
1	Paneer Makhana	320	Veg
2	Palak Paneer	240	Veg
3	Kadhai Paneer	350	Veg
4	Paneer Kolhapuri	410	Veg
5	Paneer Dhanya-Adraki	499	Veg
6	Chicken Tangdi Kabab(3pc)	300	Non-veg
7	Chicken Popcorn & French fries	420	Non-veg
8	Chicken Tikka Dum Biryani	789	Non-veg
9	Murg Mussallam	520	Non-veg
10	Butter Chicken	799	Non-veg
11	Chicken Bhuna Masala	400	Non-veg
12	Patty Paratha Rap	250	Veg
13	Veg Roll	200	Veg
14	Panner Butter Masala wrap	300	Veg
15	Regular Panner Roll(2pc)	280	Veg
16	Chicken Tikka Roll(2pc)	320	Non-Veg
17	Double Egg-Chicken Roll	200	Non-Veg
18	Egg Franki	270	Non-Veg
19	Mutton Seekh Kabab Roll	290	Non-Veg
20	Chicken Irani Roll	285	Non-Veg
21	Regular Veg Biryani	350	Veg
22	Paneer Dum Biryani	380	Veg
23	Mushroom Biryani	300	Veg
24	Regular Chicken Biryani	350	Non-Veg
25	Regular Mutton Biryani	400	Non-Veg
26	Mutton Dum Biryani	480	Non-Veg
27	Regular Dal	200	Veg
28	DAL FRY	280	Veg
29	Dal Makhani	350	Veg
30	Dal Tadka	380	Veg
31	Regular Roti(5pc)	200	Veg
32	Regular Paratha(5pc)	250	Veg
33	Regular Naan(2pc)	200	Veg
34	Butter Naan(2pc)	230	Veg
35	Garlic Naan(2pc)	280	Veg
36	Masala Naan(2pc)	350	Veg
37	Cheese Pav Bhaji(3pc)	320	Veg
38	Cheese Grilled Vada Pav(3pc)	250	Veg
39	Chole Bhature(3pc)	299	Veg
40	Pav Bhaji(3pc)	200	Veg
41	North Indian Thali	800	Veg
42	South Indian Thali	899	Veg
43	Gujrati Thali	899	Veg
44	Marathi Thali	900	Veg

Food Order Table:

```
mysql> select * from orders;
+-----+-----+-----+-----+-----+
| O_name | I_price | O_price | P_no  | ADR   |
+-----+-----+-----+-----+-----+
| Regular Naan(2pc) | 200 | 600 | 780768923 | Tulsi nagar |
| Pav Bhaji(3pc) | 200 | 600 | 895070630 | Bada Bazar  |
| Regular Panner Roll(2pc) | 280 | 1400 | 917686694 | Gandhi nagar |
| Masala Naan(2pc) | 350 | 1400 | 876890432 | Shakti Nagar |
| Chicken Bhuna Masala | 400 | 1200 | 678067909 | Ganesh nagar |
| Mushroom Biryani | 300 | 600 | 789055669 | Gajapati Nagar |
| Gujrati Thali | 899 | 1798 | 907899078 | Gate Bazar  |
| Regular Panner Roll(2pc) | 280 | 840 | 663706254 | Temple Area  |
| Dal Makhani | 350 | 1750 | 890780678 | Jindal Chawk |
| Pav Bhaji(3pc) | 200 | 1000 | 780768923 | Tulsi nagar  |
| Murg Mussallam | 520 | 2080 | 786905670 | Adishakti Nagar |
| Butter Naan(2pc) | 230 | 5060 | 780768923 | Tulsi Nagar  |
+-----+-----+-----+-----+-----+
12 rows in set (0.00 sec)
```

Feedback Table:

```
mysql> select * from Feed;
+-----+-----+
| F_back | P_no |
+-----+-----+
| thank you | 780768923 |
| you ncan improve your service.. | 637062543 |
| Need Improvement..... | 786905670 |
| THANKS FOR THE GREAT SERVICE | 907899078 |
| Great service..... | 663706254 |
| Thank you | 890780678 |
| Prices Can be Negotiable :( | 917686694 |
| Had a great exprience :) | 678067909 |
| Thank you so much | 907899078 |
+-----+-----+
9 rows in set (0.13 sec)
```

OUTPUTS

FOOD PORTAL MAIN PAGE:

```
= RESTART: D:\GROUP 2 PROJECT_2\project_2.py
*****
WELCOME TO FOOD PORTAL
1. Admin Login
2. Customer Login
3. EXIT
Enter option :|
```

ADMIN LOGIN OPTION:

```
Enter option :1
Enter Password :Zomato
Access granted
1. Add food
2. Update food
3. Delete food
4. View orders
5. Logout
Enter your Choice: |
```

ADDING FOOD ITEM BY ADMIN:

Enter your Choice: 1

Enter the Food ID:45

Enter the Food name:Bengali Thali

Enter the Price of Food:900

Enter the Food Type:Veg & Non-Veg

NEW FOOD ADDED SUCCESSFULLY

NEW FOOD ADDED SUCCESSFULLY

UPDATING FOOD NAME BY ADMIN:

Enter your Choice: 2

1. update food name

2. update food price

Enter your choice :1

Enter the Food ID whose food name you want to update :22

Enter the updated Food Name: Paneer Biryani

UPDATED SUCCESSFULLY

UPDATING FOOD PRICE BY ADMIN

Enter your Choice: 2

1. update food name

2. update food price

Enter your choice :2

Enter the Food ID whose food price you want to update :40

Enter the updated Food Price: 750

UPDATED SUCCESSFULLY

DELETING FOOD ITEM BY ADMIN:

Enter your Choice: 3

Enter the Food ID you want to delete :45

YOU HAVE DELETED A FOOD ITEM SUCCESSFULLY

VIEWING ORDER HISTORY BY ADMIN:

Enter your Choice: 4

Details of all orders are:

Food name: Regular Naan (2pc)

Food price: 200

Total price: 600

Phone NO: 780768923

Address: Tulsi nagar

Food name: Pav Bhaji (3pc)

Food price: 200

Total price: 600

Phone NO: 895070630

Address: Bada Bazar

Food name: Regular Panner Roll (2pc)

Food price: 280

Total price: 1400

Phone NO: 917686694

Address: Gandhi nagar

LOGOUT OPTION FOR ADMIN:

Enter your Choice: 5

WELCOME TO FOOD PORTAL

1. Admin Login
2. Customer Login
3. EXIT

Enter option :|

MAIN MENU FOR CUSTOMER:

WELCOME TO FOOD PORTAL

1. Admin Login
2. Customer Login
3. EXIT

Enter option :2

-----WELCOME TO FOOD PORTAL-----

1. Main Menu
 2. Place your Orders
 3. View order
 4. Cancel your Order
 5. Feedback
 6. Exit
-

FOOD ITEMS FOR CUSTOMER:

Enter the Service you want:1

-----MENU FOR TODAY-----

Food No. 1 Food Name: Paneer Makhana --Price: 320 --Food type: Veg
Food No. 2 Food Name: Palak Paneer --Price: 240 --Food type: Veg
Food No. 3 Food Name: Kadhai Paneer --Price: 350 --Food type: Veg
Food No. 4 Food Name: Paneer Kolhapuri --Price: 410 --Food type: Veg
Food No. 5 Food Name: Paneer Dhanya-Adraki --Price: 499 --Food type: Veg
Food No. 6 Food Name: Chicken Tangdi Kabab(3pc) --Price: 300 --Food type: Non-veg
Food No. 7 Food Name: Chicken Popcorn & French fries --Price: 420 --Food type: Non-veg
Food No. 8 Food Name: Chicken Tikka Dum Biryani --Price: 789 --Food type: Non-veg
Food No. 9 Food Name: Murg Mussallam --Price: 520 --Food type: Non-veg
Food No. 10 Food Name: Butter Chicken --Price: 799 --Food type: Non-veg
Food No. 11 Food Name: Chicken Bhuna Masala --Price: 400 --Food type: Non-veg
Food No. 12 Food Name: Patty Paratha Rap --Price: 250 --Food type: Veg
Food No. 13 Food Name: Veg Roll --Price: 200 --Food type: Veg
Food No. 14 Food Name: Panner Butter Masala wrap --Price: 300 --Food type: Veg
Food No. 15 Food Name: Regular Panner Roll(2pc) --Price: 280 --Food type: Veg
Food No. 16 Food Name: Chicken Tikka Roll(2pc) --Price: 320 --Food type: Non-Veg
Food No. 17 Food Name: Double Egg-Chicken Roll --Price: 200 --Food type: Non-Veg
Food No. 18 Food Name: Egg Franki --Price: 270 --Food type: Non-Veg
Food No. 19 Food Name: Mutton Seekh Kabab Roll --Price: 290 --Food type: Non-Veg
Food No. 20 Food Name: Chicken Irani Roll --Price: 285 --Food type: Non-Veg
Food No. 21 Food Name: Regular Veg Biryani --Price: 350 --Food type: Veg
Food No. 22 Food Name: Paneer Biryani --Price: 380 --Food type: Veg
Food No. 23 Food Name: Mushroom Birvani --Price: 300 --Food type: Veg

Food No. 24 Food Name: Regular Chicken Biryani --Price: 350 --Food type: Non-Veg
Food No. 25 Food Name: Regular Mutton Biryani --Price: 400 --Food type: Non-Veg
Food No. 26 Food Name: Mutton Dum Biryani --Price: 480 --Food type: Non-Veg
Food No. 27 Food Name: Regular Dal --Price: 200 --Food type: Veg
Food No. 28 Food Name: DAL FRY --Price: 280 --Food type: Veg
Food No. 29 Food Name: Dal Makhani --Price: 350 --Food type: Veg
Food No. 30 Food Name: Dal Tadka --Price: 380 --Food type: Veg
Food No. 31 Food Name: Regular Roli(5pc) --Price: 200 --Food type: Veg
Food No. 32 Food Name: Regular Paratha(5pc) --Price: 250 --Food type: Veg
Food No. 33 Food Name: Regular Naan(2pc) --Price: 200 --Food type: Veg
Food No. 34 Food Name: Butter Naan(2pc) --Price: 230 --Food type: Veg
Food No. 35 Food Name: Garlic Naan(2pc) --Price: 280 --Food type: Veg
Food No. 36 Food Name: Masala Naan(2pc) --Price: 350 --Food type: Veg
Food No. 37 Food Name: Cheese Pav Bhaji(3pc) --Price: 320 --Food type: Veg
Food No. 38 Food Name: Cheese Grilled Vada Pav(3pc) --Price: 250 --Food type: Veg
Food No. 39 Food Name: Chole Bhature(3pc) --Price: 299 --Food type: Veg
Food No. 40 Food Name: Pav Bhaji(3pc) --Price: 750 --Food type: Veg
Food No. 41 Food Name: North Indian Thali --Price: 800 --Food type: Veg
Food No. 42 Food Name: South Indian Thali --Price: 899 --Food type: Veg
Food No. 43 Food Name: Gujarati Thali --Price: 899 --Food type: Veg
Food No. 44 Food Name: Marathi Thali --Price: 900 --Food type: Veg
Do you want to order food:

PLACING ORDER FOR CUSTOMER:

Enter the Service you want:2

Enter the food item no. you want to order:33

Enter QTY of food:2

Enter your Phone NO:678090903

Enter your Address:Tulsi nagar

*****BILL*****

Address: Tulsi nagar

Phone NO: 678090903

Food name: Regular Naan(2pc)

Food price: 200

QTY of food: 2

Total price: 400

Thanks for ordering food

Your order has been confirmed

You have been Redirected to the MAIN PAGE

FEEDBACK OF CUSTOMER:

Enter the Service you want:5

Enter your Phone NO:907899078

Give us Feedback--

Thank you so much

THANKS FOR YOUR FEEDBACK

You have been Redirected to MAIN PAGE

PERSONAL ORDER HISTORY OF CUSTOMER:

Enter the Service you want:3

Enter your phone NO:780768923

Your recent orders are:

*****YOUR ORDER DETAILS ARE SHOWN BELOW*****

Food name: Regular Naan(2pc)

Food price: 200

Total price: 600

Phone NO: 780768923

Address: Tulsi nagar

Your recent orders are:

*****YOUR ORDER DETAILS ARE SHOWN BELOW*****

Food name: Pav Bhaji(3pc)

Food price: 200

Total price: 1000

Phone NO: 780768923

Address: Tulsi nagar

Your recent orders are:

*****YOUR ORDER DETAILS ARE SHOWN BELOW*****

Food name: Butter Naan(2pc)

Food price: 230

Total price: 5060

Phone NO: 780768923

Address: Tulsi Nagar

EXIT OPTION FOR CUSTOMER:

Enter the Service you want:6

WELCOME TO FOOD PORTAL

1. Admin Login
2. Customer Login
3. EXIT

Enter option :|

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