CODING

OF THE

PROGRAM

CODING

FEEDING THE MENU

```python
print('''********************************************************************************
*                    Welcome to 'PAN ASIA'!!!                    *
*              Pan Asia, Frazer Road , Patna-800001              *
********************************************************************************''')
A=[[1,'Chicken Butter Masala                 ',380],
   [2,'Rogan Josh                            ',440],
   [3,'Sikandari Raan                         ',650],
   [4,'Kastoori Kabab                        ',600],
   [5,'Dal Bukhara                       ',450],
   [6,'Tom Yum Goong                          ',560],
   [7,'Massaman Curry                        ',680],
   [8,'Mookata Thai BBQ                       ',800],
   [9,'Lamb Grapow                        ',470],
   [10,'Sukhumvit Soi 5 Fried Chicken            ',740],
   [11,'Kimchi Jjigae                     ',300],
   [12,'Bibimbap                       ',480],
   [13,'Tteokbokki                        ',450],
   [14,'Korean BBQ                         ',800],
   [15,'Japchae                       ',630],
   [16,'Sushi & Sashimi                    ',300],
   [17,'Onigiri                     ',420],
   [18,'Yakitori                     ',560],
   [19,'Shabu Shabu                        ',780],
   [20,'Miso Soup                       ',500],
```

[21,'Hot Pot   ',640],

[22,'Kung Pao Chicken   ',560],

[23,'Soup Dumplings   ',450],

[24,'Chinese Drunken Chicken   ',660],

[25,'Char Siu BBQ   ',800],

[26,'Chai   ',100],

[27,'Mekhong   ',250],

[28,'Soju   ',150],

[29,'Sake   ',200],

[30,'Maotai   ',250]]

TAKING DETAILS OF THE CUSTOMER

```python
name=input("Dear Customer , May I know your name.")

ph_no=int(input("Enter your ph.no."))

address= input("Enter you address")

Date=input('Enter the Date')
```

ASKING THE ORDER OF THE CUSTOMER

```
k=0

B=[]

while(k==0):

   print('''Enter 1) for INDIAN ACCENT

     2) for THAI CHOICE

     3) for KOREA COURT

     4) for JAPAN JEWELS

     5) for CHINA STATION

     6) for GULP IT DOWN ASIA''')

   n=int(input())
```

WHEN *n=1*

```
 if n==1:

     print('          INDIAN ACCENT')

     print("Enter the no. beside the dish you choose.")

     for i in range(0,5):

        print(A[i][0],')',A[i][1],'Rs',A[i][2])

     ch=int(input())

     print('Enter the Quantity')

     q=int(input())

     for i in range(0,5):

        if(ch==i):

           B.append(q)

           B.append(A[i-1][1])

           B.append(A[i-1][2])

        n=0
```

WHEN _n=2_

```python
if n==2:

    print('            THAI CHOICE')

    print("Enter the no. beside the dish you choose.")

    for i in range(5,10):

        print(A[i][0],')',A[i][1],'Rs',A[i][2])

    ch=int(input())

    print('Enter the Quantity')

    q=int(input())

    for i in range(5,11):

        if(ch==i):

            B.append(q)

            B.append(A[i-1][1])

            B.append(A[i-1][2])

    n=0
```

WHEN _n=3_

```
if n==3:

    print('            KOREA COURT')

    print("Enter the no. beside the dish you choose.")

    for i in range(10,15):

        print(A[i][0],')',A[i][1],'Rs',A[i][2])

    ch=int(input())

    print('Enter the Quantity')

    q=int(input())

    for i in range(10,16):

        if(ch==i):

            B.append(q)

            B.append(A[i-1][1])

            B.append(A[i-1][2])

    n=0
```

WHEN _n=4_

```
if n==4:

    print('            JAPAN JEWELS')

    print("Enter the no. beside the dish you choose.")

    for i in range(15,20):

        print(A[i][0],')',A[i][1],'Rs',A[i][2])

    ch=int(input())

    print('Enter the Quantity')

    q=int(input())

    for i in range(15,20):

        if(ch==i):

            B.append(q)

            B.append(A[i-1][1])

            B.append(A[i-1][2])

    n=0
```

WHEN *n=5*

```
if n==5:

    print('          CHINA STATION')

    print("Enter the no. beside the dish you choose.")

    for i in range(20,25):

        print(A[i][0],')',A[i][1],'Rs',A[i][2])

    ch=int(input())

    print('Enter the Quantity')

    q=int(input())

    for i in range(20,26):

        if(ch==i):

            B.append(q)

            B.append(A[i-1][1])

            B.append(A[i-1][2])

    n=0
```

WHEN n=6

```python
if n==6:

    print('          GULP IT DOWN ASIA')

    print("Enter the no. beside the dish you choose.")

    for i in range(25,30):

        print(A[i][0],')',A[i][1],'Rs',A[i][2])

    ch=int(input())

    print('Enter the Quantity')

    q=int(input())

    for i in range(25,31):

        if(ch==i):

            B.append(q)

            B.append(A[i-1][1])

            B.append(A[i-1][2])

    n=0

print('''Sir, If your order is complete then enter 1.

If you want to add anything more then enter 0''')

k=int(input())
```

DISPLAYING THE BILL

```python
print('''**********************************************************************************************

*                               'PAN ASIA'                               *

*                    Pan Asia, Frazer Road , Patna-800001                  *

****************************************************************************************************''')

print()

print('Name-',name,'          Phone No.-',ph_no)

print('Address-',address,'        Date-',Date)

print('_____')

print('''S.No.      Item Name                       Rate       Qty.      Amount

_____

''')

for i in range(0,(int(len(B)/3))):

    print(i+1,')    |    ',B[(i*3)+1],B[(i*3)+2],'    |     ',B[i*3],'    |     ',B[i*3]*B[(i*3)+2])

    n=n+B[i*3]*B[(i*3)+2]

print('''_____

''')

print(''' GST No.- 09AAACE4923H1ZQ                        |     Gross Amount =''',n,'''

 Email ID- panasia@gmail.com                          |          SGST = 9%

 Phone No.- 1234567890                                |          CGST = 9%

                                |       GST =''',int(n*.18),'''

_____

                               Net Amount =''',int(n*1.18))
```

```python
print('''_____
_____




                        Thanks for your Order

                         Come Back Again!!!''')
```

INPUT
& OUTPUT
SCREEN

OUTPUT OF THE PROGRAM

WELCOME SCREEN


```
*IDLE Shell 3.9.5*
File  Edit  Shell  Debug  Options  Window  Help
Python 3.9.5 (tags/v3.9.5:0a7dcbd, May  3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: C:¥Users¥91930¥Desktop¥Extra project.py ===============
********************************************************************************
*                          Welcome to 'PAN ASIA'!!!                            *
*                     Pan Asia, Frazer Road , Patna-800001                     *
********************************************************************************
Dear Customer , May I know your name.
```

Fig 1.1 WELCOME SCREEN

ASKING THE CREDENTIALS OF THE CUSTOMER


```
*IDLE Shell 3.9.5*
File  Edit  Shell  Debug  Options  Window  Help
Python 3.9.5 (tags/v3.9.5:0a7dcbd, May  3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on wi
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: C:¥Users¥91930¥Desktop¥Extra project.py ===============
*******************************************************************************
*                          Welcome to 'PAN ASIA'!!!                           *
*                     Pan Asia, Frazer Road , Patna-800001                    *
*******************************************************************************
Dear Customer , May I know your name. Mr.Rinit Roy
Enter your ph.no. 1234567890
Enter you addressFraser Road,Patna.
Enter the Date03/10/2021
```

Fig 1.2 INPUT GIVEN BY THE USER

TAKING THE ORDER OF THE CUSTOMER

File Edit Shell Debug Options Window Help

```
Python 3.9.5 (tags/v3.9.5:0a7dcbd, May  3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on w
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: C:¥Users¥91930¥Desktop¥Extra project.py ===============
**************************************************************************************
*                            Welcome to 'PAN ASIA'!!!                              *
*                       Pan Asia, Frazer Road , Patna-800001                       *
**************************************************************************************
Dear Customer , May I know your name.Mr.Rinit Roy
Enter your ph. no.1234567890
Enter you addressFraser Road,Patna.
Enter the Date03/10/2021
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
```

Fig 1.3 TAKING ORDER OF THE CUSTOMER

CHOICE AS ENTERED BY THE USER

```
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
1
              INDIAN ACCENT
Enter the no. beside the dish you choose.
1 ) Chicken Butter Masala                       Rs 380
2 ) Rogan Josh                                  Rs 440
3 ) Sikandari Raan                              Rs 650
4 ) Kastoori Kabab                              Rs 600
5 ) Dal Bukhara                                 Rs 450
```

Fig.1.4 IF CHOICE ENTERED IS 1

```
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
2
               THAI CHOICE
Enter the no. beside the dish you choose.
6 ) Tom Yum Goong                               Rs 560
7 ) Massaman Curry                              Rs 680
8 ) Mookata Thai BBQ                            Rs 800
9 ) Lamb Grapow                                 Rs 470
10 ) Sukhumvit Soi 5 Fried Chicken              Rs 740
```

Fig.1.5. IF CHOICE ENTERED IS 2

```
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
3
                 KOREA COURT
Enter the no. beside the dish you choose.
11 ) Kimchi Jjigae                              Rs 300
12 ) Bibimbap                                   Rs 480
13 ) Tteokbokki                                 Rs 450
14 ) Korean BBQ                                 Rs 800
15 ) Japchae                                    Rs 630
```

Fig.1.6. IF CHOICE ENTERED IS 3

```
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
4
                 JAPAN JEWELS
Enter the no. beside the dish you choose.
16 ) Sushi & Sashimi                            Rs 300
17 ) Onigiri                                    Rs 420
18 ) Yakitori                                   Rs 560
19 ) Shabu Shabu                                Rs 780
20 ) Miso Soup                                  Rs 500
```

Fig.1.7 IF CHOICE ENTERED IS 4

```
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
5
                    CHINA STATION
Enter the no. beside the dish you choose.
21 ) Hot Pot                                     Rs 640
22 ) Kung Pao Chicken                            Rs 560
23 ) Soup Dumplings                              Rs 450
24 ) Chinese Drunken Chicken                     Rs 660
25 ) Char Siu BBQ                                Rs 800
```

Fig.1.8 IF CHOICE ENTERED IS 5

```
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
6
                    GULP IT DOWN ASIA
Enter the no. beside the dish you choose.
26 ) Chai                                        Rs 100
27 ) Mekhong                                     Rs 250
28 ) Soju                                        Rs 150
29 ) Sake                                        Rs 200
30 ) Maotai                                      Rs 250
```

Fig.1.9. IF CHOICE ENTERED IS 6

THE CUSTOMER CHOOSES THE DISH.

```
                    INDIAN ACCENT
Enter the no. beside the dish you choose.
1 ) Chicken Butter Masala                          Rs 380
2 ) Rogan Josh                                     Rs 440
3 ) Sikandari Raan                                 Rs 650
4 ) Kastoori Kabab                                 Rs 600
5 ) Dal Bukhara                                    Rs 450
1
Enter the Quantity
1
```

Fig.1.10 THE CUSTOMER CHOOSES THE DISH BY ENTERING THE

NO. BESIDE IT & THEN ENTERS THE QUANTITY.

```
                    INDIAN ACCENT
Enter the no. beside the dish you choose.
1 ) Chicken Butter Masala                          Rs 380
2 ) Rogan Josh                                     Rs 440
3 ) Sikandari Raan                                 Rs 650
4 ) Kastoori Kabab                                 Rs 600
5 ) Dal Bukhara                                    Rs 450
1
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
```
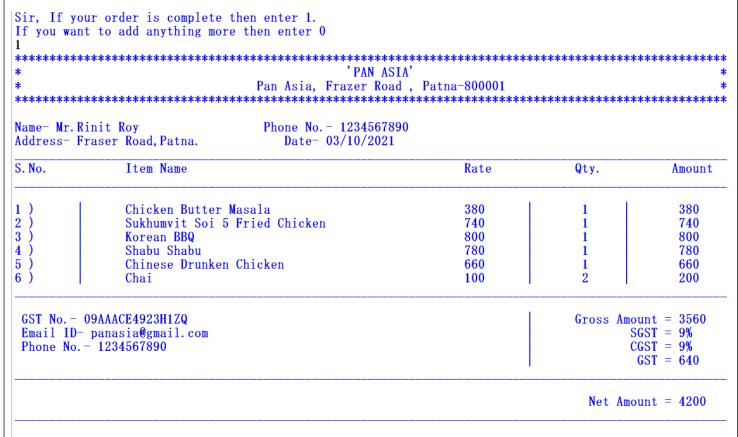
Fig.1.11 The customer is asked whether he wants to add

Something more or not.

IF THE USER'S CHOICE IS 0.

```
                    INDIAN ACCENT
Enter the no. beside the dish you choose.
1 ) Chicken Butter Masala                              Rs 380
2 ) Rogan Josh                                         Rs 440
3 ) Sikandari Raan                                     Rs 650
4 ) Kastoori Kabab                                     Rs 600
5 ) Dal Bukhara                                        Rs 450
1
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
0
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
```

Fig.1.12 THE USER IS REDIRECTED TO THE MAIN MENU

FOR ADDING MORE ITEMS IN THE CART.

IF THE USER′S CHOICE IS 1 THEN BILL IS PRODUCED.

```
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
1
**************************************************************************************
*                                  'PAN ASIA'                                       *
*                      Pan Asia, Frazer Road , Patna-800001                         *
**************************************************************************************

Name- Mr.Rinit Roy              Phone No.- 1234567890
Address- Fraser Road,Patna.         Date- 03/10/2021
_____
S.No.        Item Name                          Rate        Qty.         Amount
_____

1 )     |    Chicken Butter Masala              380     |    1     |      380
2 )     |    Sukhumvit Soi 5 Fried Chicken      740     |    1     |      740
3 )     |    Korean BBQ                         800     |    1     |      800
4 )     |    Shabu Shabu                        780     |    1     |      780
5 )     |    Chinese Drunken Chicken            660     |    1     |      660
6 )     |    Chai                               100     |    2     |      200
_____

  GST No.- 09AAACE4923H1ZQ                      |       Gross Amount = 3560
  Email ID- panasia@gmail.com                   |              SGST = 9%
  Phone No.- 1234567890                         |              CGST = 9%
                                                |               GST = 640
_____

                                                        Net Amount = 4200
_____

                          Thanks for your Order
                          Come Back Again!!!
```

Fig.1.13 THE BILL IS PRODUCED IF THE USER′S CHOICE IS 1.

DETAILS ABOUT THE BILL.

The Bill starts with the Restaurant's name & address being displayed on the top with a designer style. Then the name of the customer , phone number, address and date is written.

Further a table is made with 5 columns that are Serial Number, Item Name, Rate, Quantity and Amount. Lines are drawn to make the bill more clear and attractive. Then all the names of the dishes, rates, quantity and amount are written as entered by the user.

Gross Amount has been calculated by adding up all the individual amounts, SGST, CGST are displayed and then total GST incurred on the gross amount has been calculated and written along with the restaurant's GST number, Email .ID and Phone Number. Finally the Net Amount has been calculated by adding the total GST and Gross Amount and is been displayed.

At last, the customer has been greeted for ordering.

EXAMPLES OF THE OUTPUTS PRODUCED AFTER EXECUTION.

IDLE Shell 3.9.5

File Edit Shell Debug Options Window Help

```
Python 3.9.5 (tags/v3.9.5:0a7dcbd, May  3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on w
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: C:¥Users¥91930¥Desktop¥Extra project.py ===============
*************************************************************************************
*                             Welcome to 'PAN ASIA'!!!                             *
*                      Pan Asia, Frazer Road , Patna-800001                        *
*************************************************************************************
Dear Customer , May I know your name.Mr.Rinit Roy
Enter your ph. no.1234567890
Enter you addressFraser Road,Patna.
Enter the Date03/10/2021
Dear Customer, Please let us know your order.
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
1
```

Fig.2.1

```
                    INDIAN ACCENT
Enter the no. beside the dish you choose.
1 ) Chicken Butter Masala                        Rs 380
2 ) Rogan Josh                                   Rs 440
3 ) Sikandari Raan                               Rs 650
4 ) Kastoori Kabab                               Rs 600
5 ) Dal Bukhara                                  Rs 450
1
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
0
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
2
```

Fig.2.2

```
                    THAI CHOICE
Enter the no. beside the dish you choose.
6 )  Tom Yum Goong                                      Rs 560
7 )  Massaman Curry                                     Rs 680
8 )  Mookata Thai BBQ                                   Rs 800
9 )  Lamb Grapow                                        Rs 470
10 ) Sukhumvit Soi 5 Fried Chicken                      Rs 740
10
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
0
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
```

Fig.2.3

```
                    KOREA COURT
Enter the no. beside the dish you choose.
11 ) Kimchi Jjigae                                      Rs 300
12 ) Bibimbap                                           Rs 480
13 ) Tteokbokki                                         Rs 450
14 ) Korean BBQ                                         Rs 800
15 ) Japchae                                            Rs 630
14
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
0
Enter 1) for INDIAN ACCENT
      2) for THAI CHOICE
      3) for KOREA COURT
      4) for JAPAN JEWELS
      5) for CHINA STATION
      6) for GULP IT DOWN ASIA
4
```

Fig.2.4

```
                    JAPAN JEWELS
Enter the no. beside the dish you choose.
16 ) Sushi & Sashimi                                    Rs 300
17 ) Onigiri                                            Rs 420
18 ) Yakitori                                           Rs 560
19 ) Shabu Shabu                                        Rs 780
20 ) Miso Soup                                          Rs 500
19
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
0
Enter 1)  for  INDIAN ACCENT
      2)  for  THAI CHOICE
      3)  for  KOREA COURT
      4)  for  JAPAN JEWELS
      5)  for  CHINA STATION
      6)  for  GULP IT DOWN ASIA
5
```

Fig.2.5

```
                    CHINA STATION
Enter the no. beside the dish you choose.
21 ) Hot Pot                                            Rs 640
22 ) Kung Pao Chicken                                   Rs 560
23 ) Soup Dumplings                                     Rs 450
24 ) Chinese Drunken Chicken                            Rs 660
25 ) Char Siu BBQ                                       Rs 800
24
Enter the Quantity
1
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
0
Enter 1)  for  INDIAN ACCENT
      2)  for  THAI CHOICE
      3)  for  KOREA COURT
      4)  for  JAPAN JEWELS
      5)  for  CHINA STATION
      6)  for  GULP IT DOWN ASIA
6
```

Fig.2.6

```
                        GULP IT DOWN ASIA
Enter the no. beside the dish you choose.
26 ) Chai                                              Rs 100
27 ) Mekhong                                           Rs 250
28 ) Soju                                              Rs 150
29 ) Sake                                              Rs 200
30 ) Maotai                                            Rs 250
26
Enter the Quantity
2
Sir, If your order is complete then enter 1.
If you want to add anything more then enter 0
1
```

Fig.2.7

```
************************************************************************************
*                                'PAN ASIA'                                       *
*                    Pan Asia, Frazer Road , Patna-800001                         *
************************************************************************************

Name- Mr.Rinit Roy              Phone No. - 1234567890
Address- Fraser Road,Patna.         Date- 03/10/2021
_____
S.No.        Item Name                      Rate        Qty.          Amount
_____

1 )      |    Chicken Butter Masala          380     |   1        |      380
2 )      |    Sukhumvit Soi 5 Fried Chicken  740     |   1        |      740
3 )      |    Korean BBQ                     800     |   1        |      800
4 )      |    Shabu Shabu                    780     |   1        |      780
5 )      |    Chinese Drunken Chicken        660     |   1        |      660
6 )      |    Chai                           100     |   2        |      200
_____

  GST No. - 09AAACE4923H1ZQ                    |       Gross Amount = 3560
  Email ID- panasia@gmail.com                  |              SGST = 9%
  Phone No. - 1234567890                       |              CGST = 9%
                                               |               GST = 640
_____

                                                        Net Amount = 4200
_____

                         Thanks for your Order
                          Come Back Again!!!
```

Fig.2.8 BILL