
RESULT

The following images show the screenshots of my project:

```
WELCOME TO GELATO!
HOPE YOU HAVE A GREAT DAY!

1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 1

Welcome to GELATO-The Ice Cream Parlour!

TODAY'S MENU
-----
ITEM CODE  ITEM NAME                                     PRICE
1          Original Vanilla :: Fresh vanilla bean extract      Rs. 35
-----
2          Belgian Chocolate :: Chocolate flavoured which is rich in texture      Rs. 45
-----
3          Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone      Rs. 60
-----
4          Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts      Rs. 120
-----
5          Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream      Rs. 120
-----
6          Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream      Rs. 90
-----
7          Banana Caramel :: Rich banana ice cream with caramel sauce      Rs. 90
-----
8          Clotted cream vanilla :: Fresh clotted cream with fresh fruit      Rs. 60
-----
9          Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup      Rs. 110
-----
10         Mint Chocolate :: Mint ice cream with choco chips      Rs. 50
-----
11         Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds      Rs. 100
-----
```

Do you want to search for items below a price? (Y/N) Y
Enter the maximum price: 70

THESE ARE YOUR RECOMMENDATIONS:

ITEM CODE	ITEM NAME	PRICE
1	Original Vanilla :: Fresh vanilla bean extract	Rs. 35
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45
3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 60
8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60
10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50

Would you like to proceed with the order? [Enter Y if you want to proceed else enter N]

Y

YOUR ORDER PLEASE...

Enter Itemcode: 1

Enter Quantity: 8

Is your order:

1)Take away

2)Eat here

Please enter your choice:2

Enter the time (in minutes) required to complete this order:1

YOUR ORDER DETAILS ARE:

Order No. : 1

Item code: 1

Quantity: 8

TOTAL AMOUNT: 280.00

Please pay the bill...

Thanks for visiting!

Please wait you are in queue...

1)Take customer's order

2)Employee usage

3)Check queue status

4)Shut down

Enter your choice: 3

QUEUE STATUS

1:: Order No. 1 | Item Code: 1 | Quantity: 8

|

|

V

END OF ORDER QUEUE

Press C to continue...

C

1)Take customer's order

2)Employee usage

3)Check queue status

4)Shut down

Enter your choice: 1

Welcome to GELATO-The Ice Cream Parlour!

TODAY'S MENU

ITEM CODE	ITEM NAME	PRICE
1	Original Vanilla :: Fresh vanilla bean extract	Rs. 35
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45
3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 60
4	Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts	Rs. 120
5	Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream	Rs. 120
6	Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream	Rs. 90
7	Banana Caramel :: Rich banana ice cream with caramel sauce	Rs. 90
8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60
9	Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup	Rs. 110
10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50
11	Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds	Rs. 100

Do you want to search for items below a price? (Y/N) N

Would you like to proceed with the order? [Enter Y if you want to proceed else enter N]

Y

YOUR ORDER PLEASE...

Enter Itemcode: 1

Enter Quantity: 4

Only 2 ice creams are available

Do you want to continue (Y/N): Y

Is your order:

1)Take away

2)Eat here

Please enter your choice:1

Enter the time (in minutes) required to complete this order:2

YOUR ORDER DETAILS ARE:

Order No. : 2

Item code: 1

Quantity: 2

TOTAL AMOUNT: 80.00

Please pay the bill...

Thanks for visiting!

Please wait you are in queue...

Press C to continue...

C

1)Take customer's order

2)Employee usage

3)Check queue status

4)Shut down

Enter your choice: 1

Welcome to GELATO-The Ice Cream Parlour!

TODAY'S MENU

ITEM CODE	ITEM NAME	PRICE
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45
3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 60
4	Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts	Rs. 120
5	Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream	Rs. 120
6	Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream	Rs. 90
7	Banana Caramel :: Rich banana ice cream with caramel sauce	Rs. 90
8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60
9	Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup	Rs. 110
10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50
11	Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds	Rs. 100

Do you want to search for items below a price? (Y/N) N

Would you like to proceed with the order? [Enter Y if you want to proceed else enter N]

Y

YOUR ORDER PLEASE...

Enter Itemcode: 3

Enter Quantity: 7

Only 6 ice creams are available

Do you want to continue (Y/N): N

Welcome to GELATO-The Ice Cream Parlour!

TODAY'S MENU

ITEM CODE	ITEM NAME	PRICE
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45
3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 60
4	Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts	Rs. 120
5	Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream	Rs. 120
6	Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream	Rs. 90
7	Banana Caramel :: Rich banana ice cream with caramel sauce	Rs. 90
8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60
9	Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup	Rs. 110
10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50
11	Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds	Rs. 100

Do you want to search for items below a price? (Y/N) N

Would you like to proceed with the order? [Enter Y if you want to proceed else enter N]

N

No problem...

Thanks for visiting!

Please do visit us again. Have a great day!

Press C to continue...

C

```
Order no. 1 is READY!!
Item code: 1
Quantity: 8

1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: #
Please enter a valid choice
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 3
```

```
QUEUE STATUS
-----
1:: Order No. 2 | Item Code: 1 | Quantity: 2
|
|
V
END OF ORDER QUEUE

Press C to continue...
C
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 2
Enter the password : *****
INVALID PASSWORD
Press C to continue...
C
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 2
Enter the password : *****
1)Add a new item
2)Remove an item
3)Change the price of an item
4)Print menu
Enter your choice: 1
Enter the new item code: 56
Enter the new item name: Original Strawberry :: Strawberry ice cream of two scoops
Enter the price of the item: 20
Enter the quantity of item no.56: 5
Press C to continue...
C
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 3

QUEUE STATUS
-----
1:: Order No. 2 | Item Code: 1 | Quantity: 2
|
|
V
END OF ORDER QUEUE
```

Press C to continue...

C

- 1)Take customer's order
- 2)Employee usage
- 3)Check queue status
- 4)Shut down

Enter your choice: 1

Welcome to GELATO-The Ice Cream Parlour!

TODAY'S MENU

ITEM CODE	ITEM NAME	PRICE
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45
3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 60
4	Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts	Rs. 120
5	Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream	Rs. 120
6	Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream	Rs. 90
7	Banana Caramel :: Rich banana ice cream with caramel sauce	Rs. 90
8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60
9	Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup	Rs. 110
10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50
11	Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds	Rs. 100
56	Original Strawberry :: Strawberry ice cream of two scoops	Rs. 20

Do you want to search for items below a price? (Y/N) N

```
Would you like to proceed with the order? [Enter Y if you want to proceed else enter N]
N
No problem...
Thanks for visiting!
Please do visit us again. Have a great day!
Press C to continue...
C
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 2
Enter the password : *****
1)Add a new item
2)Remove an item
3)Change the price of an item
4)Print menu
Enter your choice: 3
```

```
Enter item code: 3

Enter the new price of item 3: 100
Press C to continue...
C
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 2
Enter the password : *****
1)Add a new item
2)Remove an item
3)Change the price of an item
4)Print menu
Enter your choice: 4
```

ITEM CODE	ITEM NAME	PRICE
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45
3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 100
4	Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts	Rs. 120
5	Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream	Rs. 120
6	Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream	Rs. 90
7	Banana Caramel :: Rich banana ice cream with caramel sauce	Rs. 90
8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60
9	Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup	Rs. 110
10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50
11	Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds	Rs. 100
56	Original Strawberry :: Strawberry ice cream of two scoops	Rs. 20

```
Press C to continue...
C

1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 2
Enter the password : *****
1)Add a new item
2)Remove an item
3)Change the price of an item
4)Print menu
Enter your choice: 2

Enter item code to be deleted: 7
Press C to continue...
C
```

```
Order no. 2 is READY!!
Item code: 1
Quantity: 2
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 3
```

```
QUEUE STATUS
```

```
-----
NO ORDERS LEFT IN THE QUEUE
```

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 2
Enter the password : *****
1)Add a new item
2)Remove an item
3)Change the price of an item
4)Print menu
Enter your choice: 4
```

ITEM CODE	ITEM NAME	PRICE
2	Belgian Chocolate :: Chocolate flavoured which is rich in texture	Rs. 45

3	Blood Orange :: Orange Ice Cream with citrus jelly in a waffle cone	Rs. 100

4	Death by Chocolate Sundae :: Brownies, Vanilla Ice Cream, Chocolate sauce and Nuts	Rs. 120

5	Neapolitan Ice Cream :: Vanilla, Chocolate, Strawberry with Whipped cream	Rs. 120

6	Potters Premier :: Caramelised bread crumbs with Toffee Ice Cream	Rs. 90

8	Clotted cream vanilla :: Fresh clotted cream with fresh fruit	Rs. 60

9	Rainbow Sundae :: Fig, Lychee, and Grape ice cream with orange syrup	Rs. 110

10	Mint Chocolate :: Mint ice cream with choco chips	Rs. 50

11	Dry fruit sundae :: Pistachio Ice Cream with hazelnuts and almonds	Rs. 100

56	Original Strawberry :: Strawberry ice cream of two scoops	Rs. 20

```
1)Take customer's order
2)Employee usage
3)Check queue status
4)Shut down
Enter your choice: 4
```

```
-----
Process exited after 292.2 seconds with return value 0
Press any key to continue . . .
```
