

OOM PROJECT REPORT

2020

RESTAURANT BILLING SYSTEM



- 2

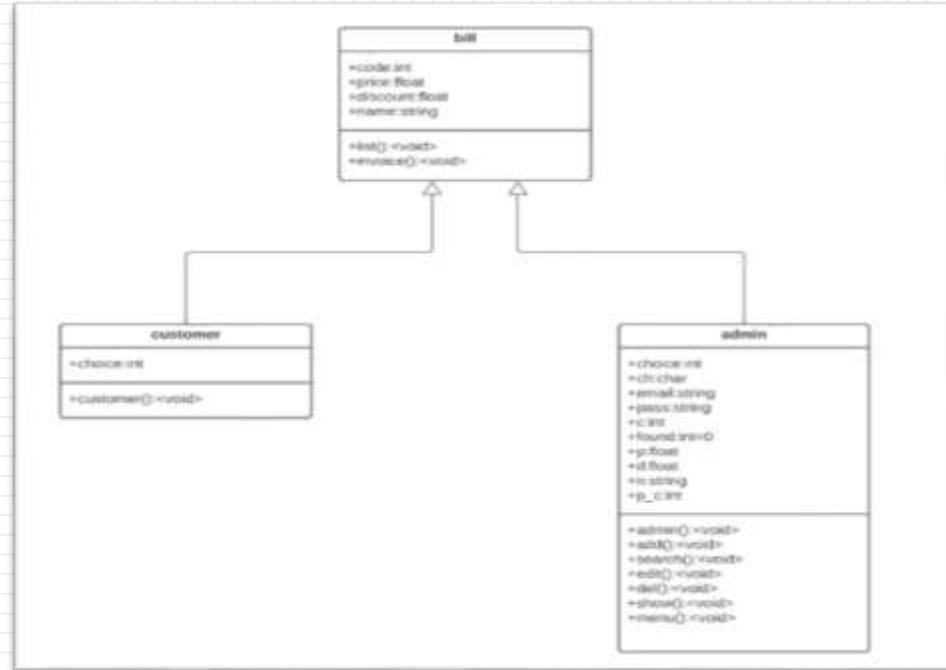
- The project is restaurant billing system software for monitoring and controlling the transactions in a restaurant.
- The project restaurant billing system is developed on Visual Basic language which mainly focuses on basic operating systems in a restaurant like View, Menu, Adding new Dishes, Calculate discount and Generate Invoice.
- Restaurant billing system is a Windows application designed to help users maintain and organise Restaurant. Our application is easy to use for both beginners and advanced users. It features a familiar user interface combined with searching, insertion and deletion capabilities.

ADVANTAGES

- *Less time consuming*
- *Less paperwork*
- *Invoice generation can be done easily*
- *User-friendly*
- *Quicker access of Menu*

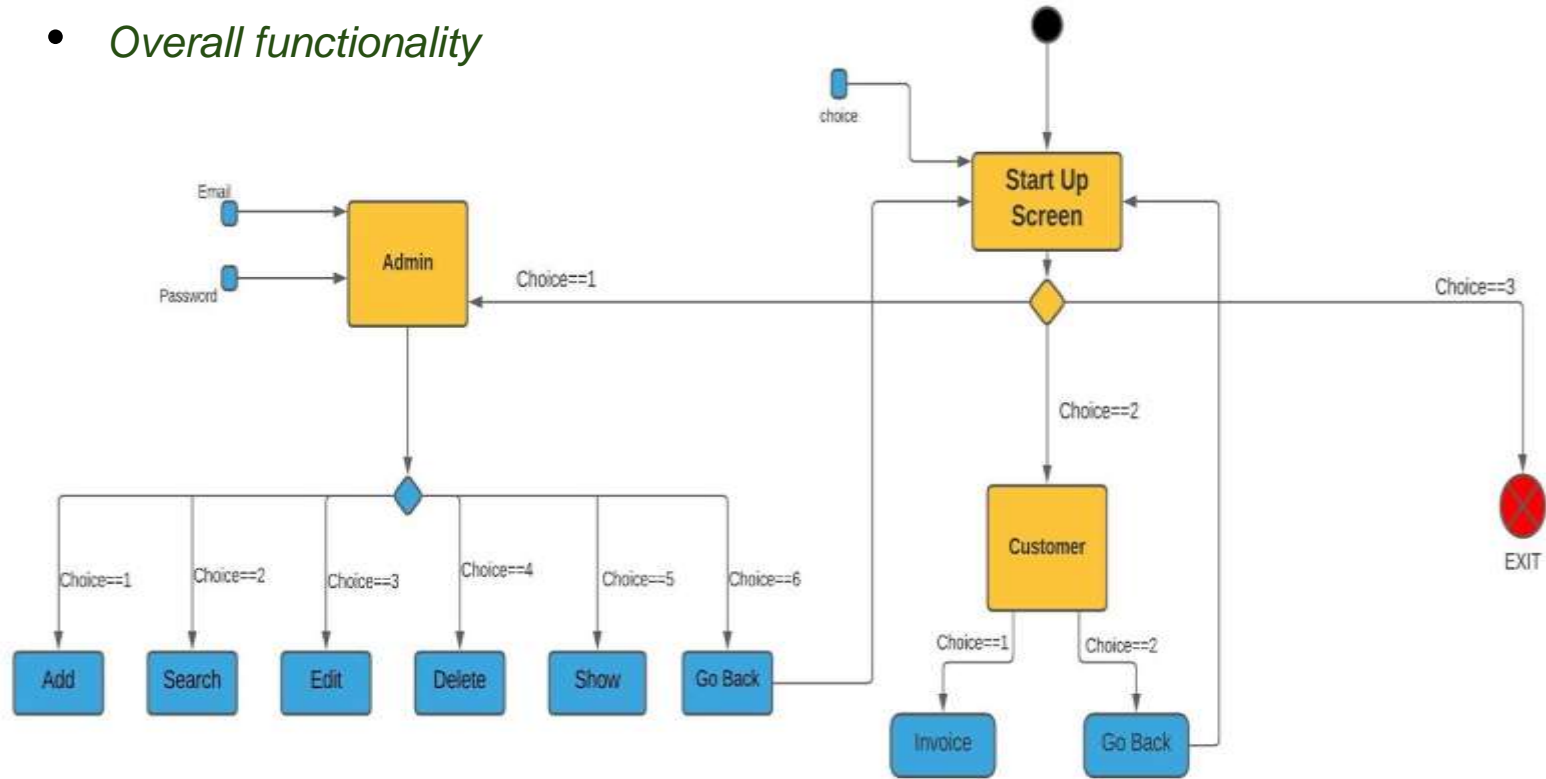
SYSTEM ANALYSIS

Class Diagram :

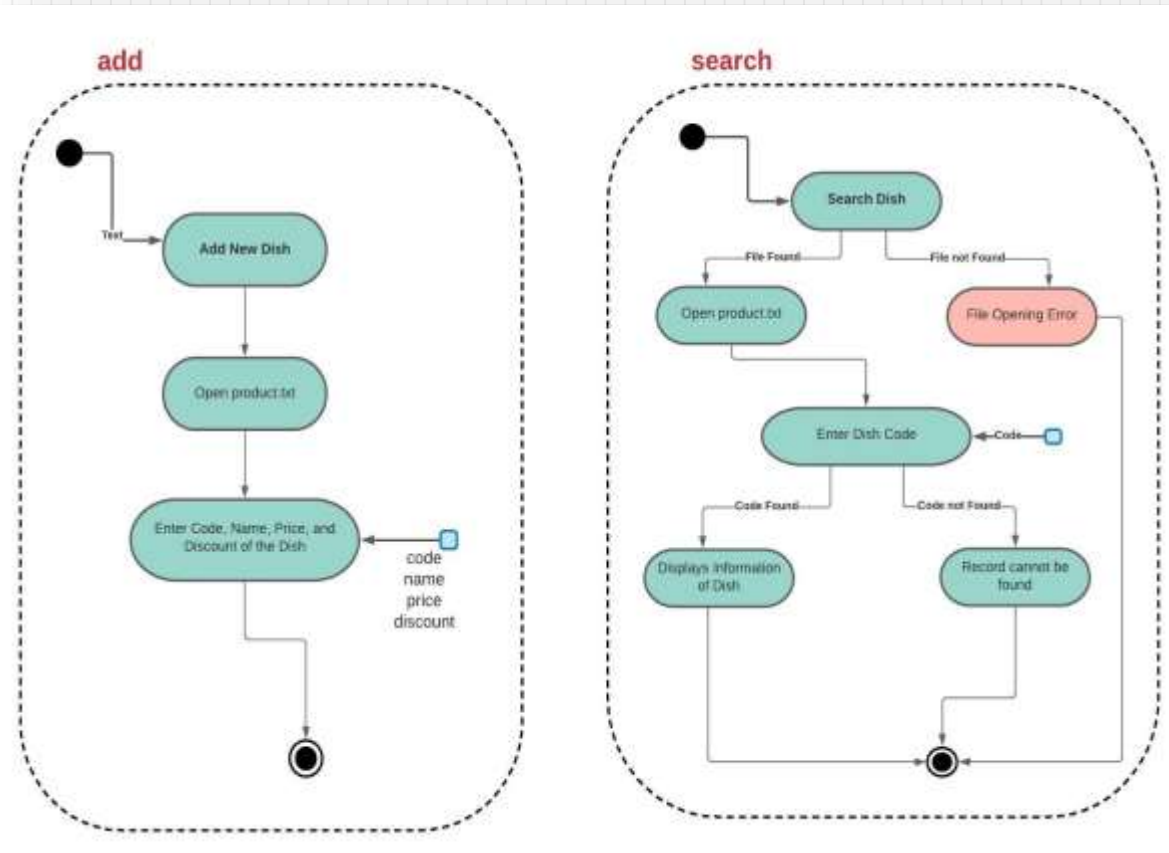


Activity Diagrams :

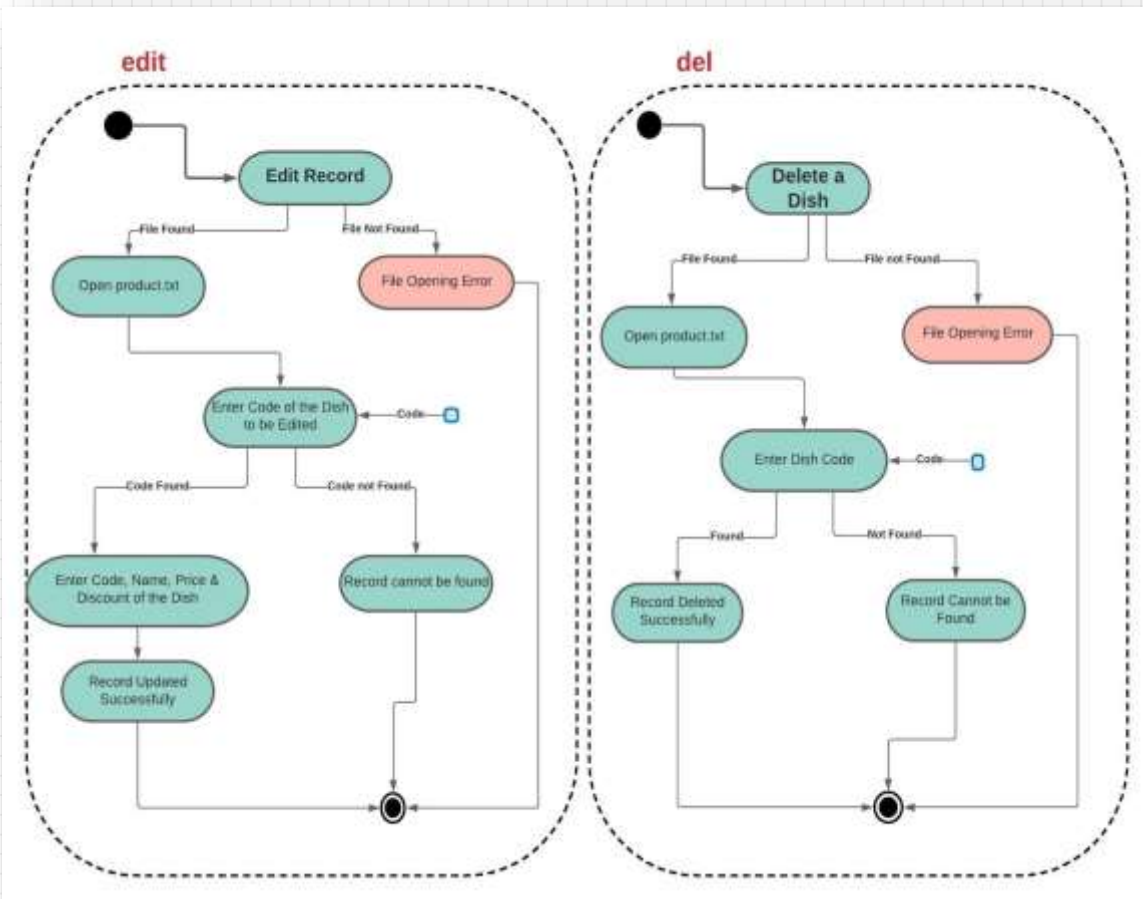
- Overall functionality



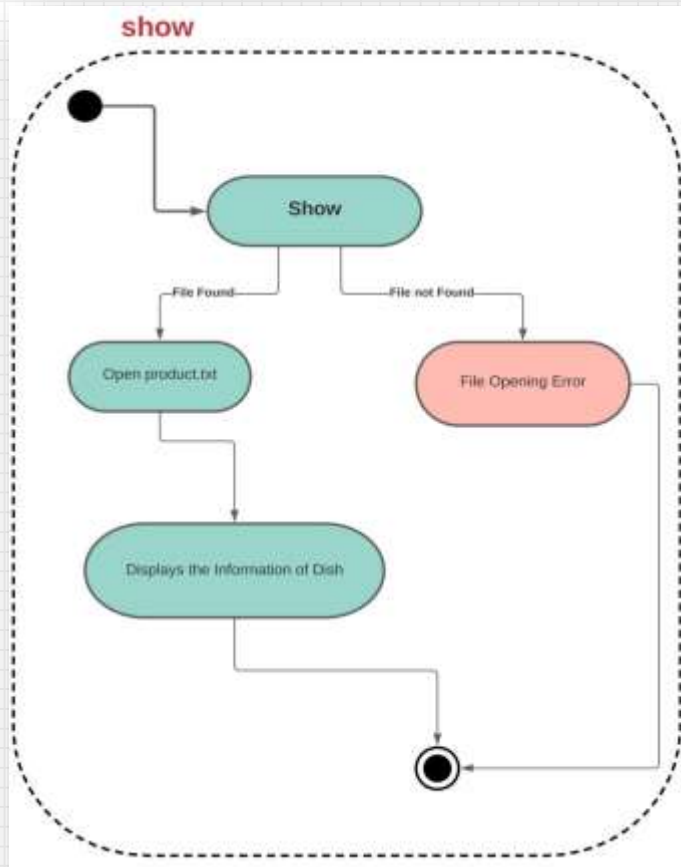
- Activities



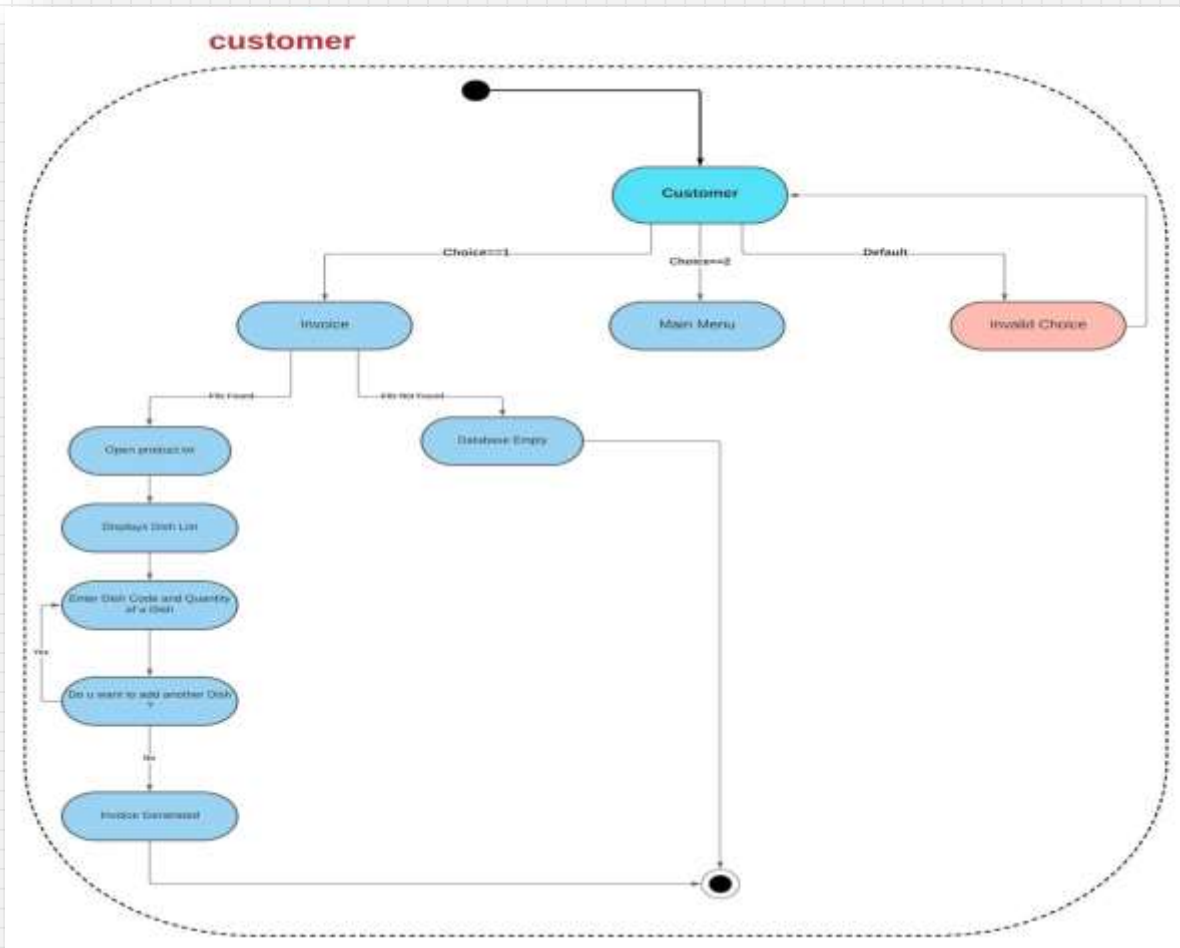
- Activities



- Activities



- Activities



Requirements:

Classes:

- **Bill**
- **Customer** (Inherited from Bill Class)
- **Admin** (Inherited from Bill Class)

i.e. **Customer & Admin** are Derived Classes and **bill** is the Base class.

Fields and Behaviour of Classes (Behaviour elements are in italics):

- **Bill** : code, name, price, discount,
list(), invoice()
- **Customer** : choice
customer()
- **Admin** : choice, ch, email, pass, c, found, p, d, n, p_c
admin(), add(), search(), edit(), del(), show(), menu()

Process Logic

On execution of the program the program shows the following options in the Main Menu:

1. Admin
2. Customer
3. Exit

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Main Menu
1. Admin
2. Customer
3. Exit

Enter Your Choice : 3
PS C:\Users\DELL\Desktop\C++\OOM (1)\OOM\OOM>

```


OUTPUTS:

Add New Dish

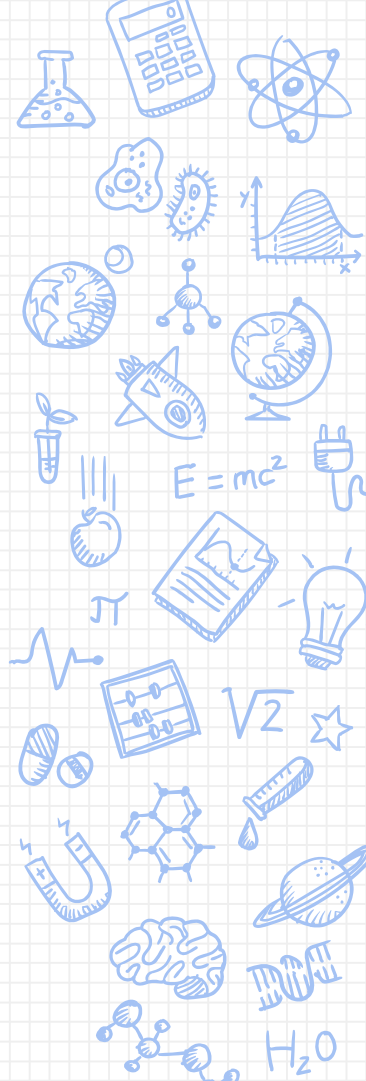
Dish Code : 5

Name : Rolls

Price : 75

Discount in % : 0

Record Inserted Successfully...[]



OUTPUTS:

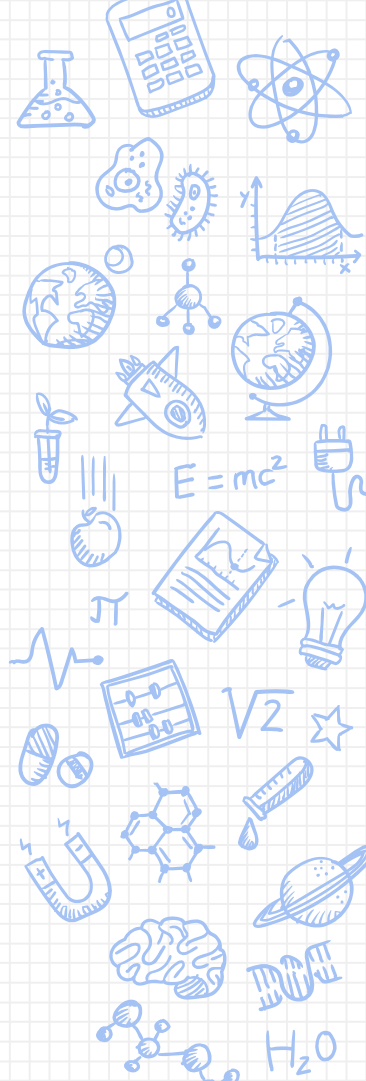
Search Dish

Dish Code : 2

Name : Momos

Price : 100

Discount : 0%



OUTPUTS:

Edit Dish

Dish Code : 2

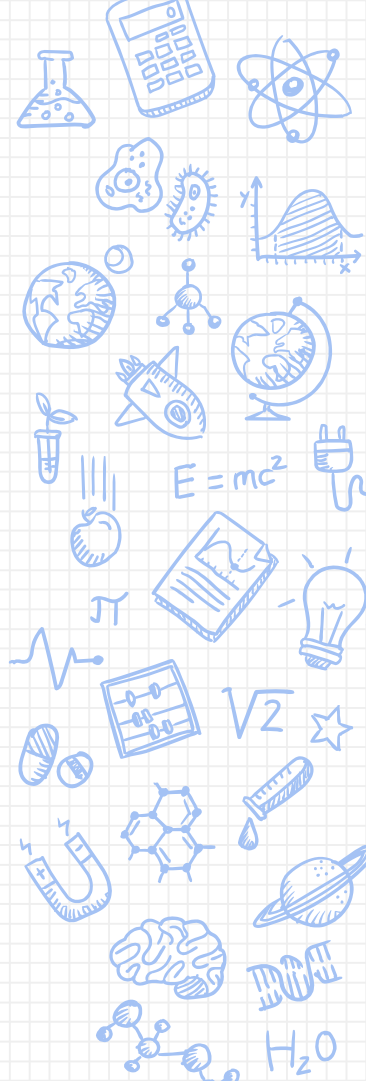
Dish New Code : 1

Name : Burger

Price : 120

Discount in % : 0

Record Edited Successfully...[]

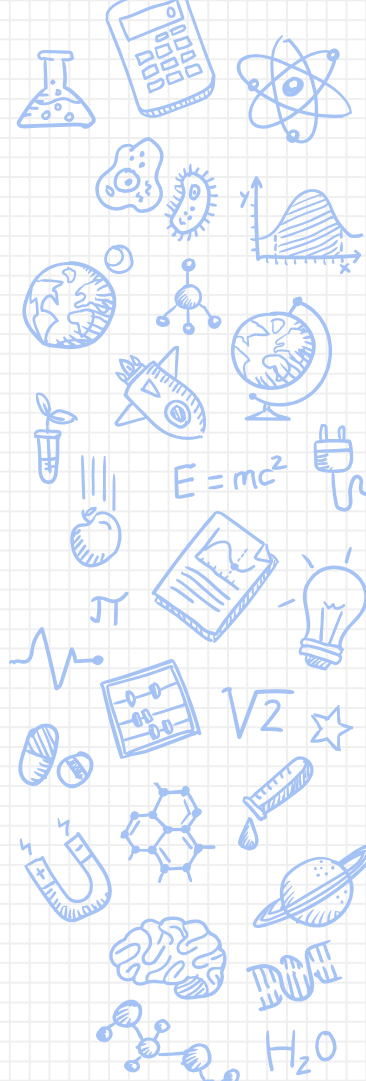


OUTPUTS:

Delete Dish

Dish Code : 1

Dish Deleted Successfully...[]



Code	Name	Price	Discount %
1	Burger	120	0
2	Momos	100	0
3	Pizza	130	0
4	Muffin	85	0
5	Rolls	75	0

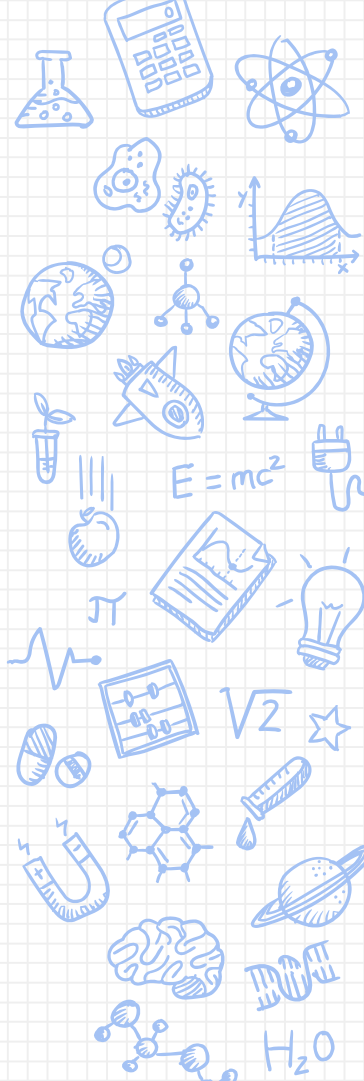
OUTPUTS:

Invoice

P.NO.	NAME	PRICE
1	Burger	120
2	Momos	100
3	Pizza	130
4	Muffin	85
5	Rolls	75

PLACE YOUR ORDER

Dish Code :



OUTPUTS:

Invoice

P.NO.	NAME	PRICE
1	Burger	120
2	Momos	100
3	Pizza	130
4	Muffin	85
5	Rolls	75

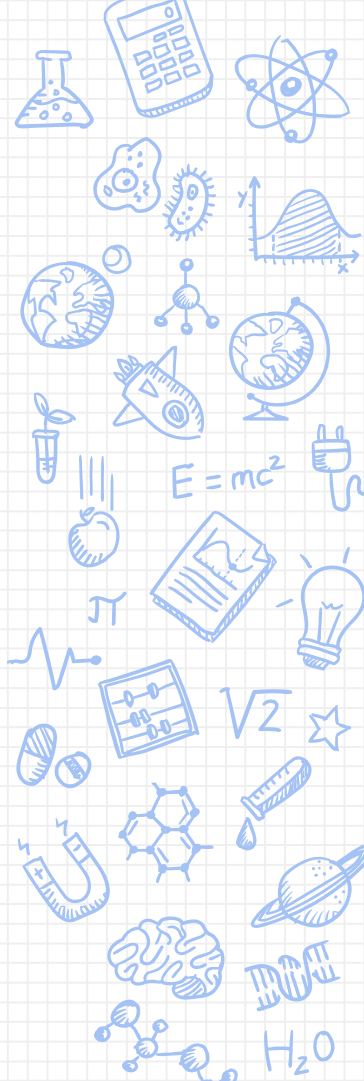
PLACE YOUR ORDER

Dish Code : 1

Dish Quantity : 2

Do You Want To Place Another Order? (Y,N) : y

Dish Code :

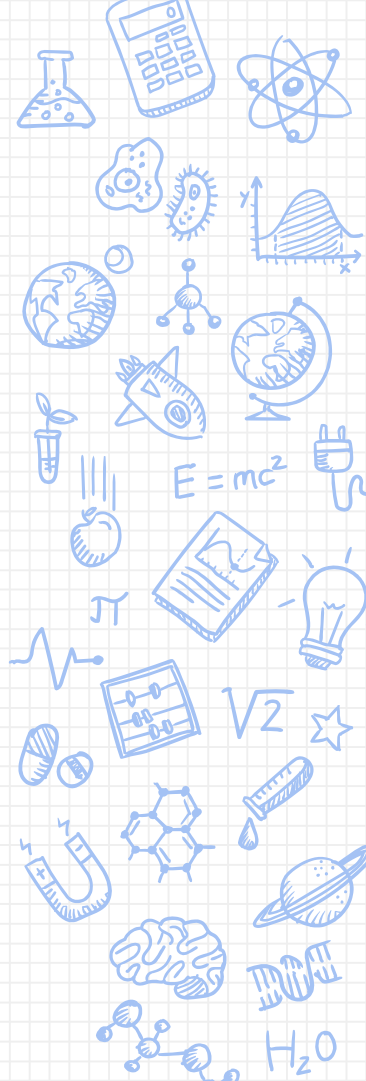


OUTPUTS:

*****INVOICE*****

D No.	D Name	Quantity	Price	Amount	Amount after discount
1	Burger	2	120	240	240
4	Muffin	3	85	255	255

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Total Amount : 495



Team Presentation

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THANKS!

