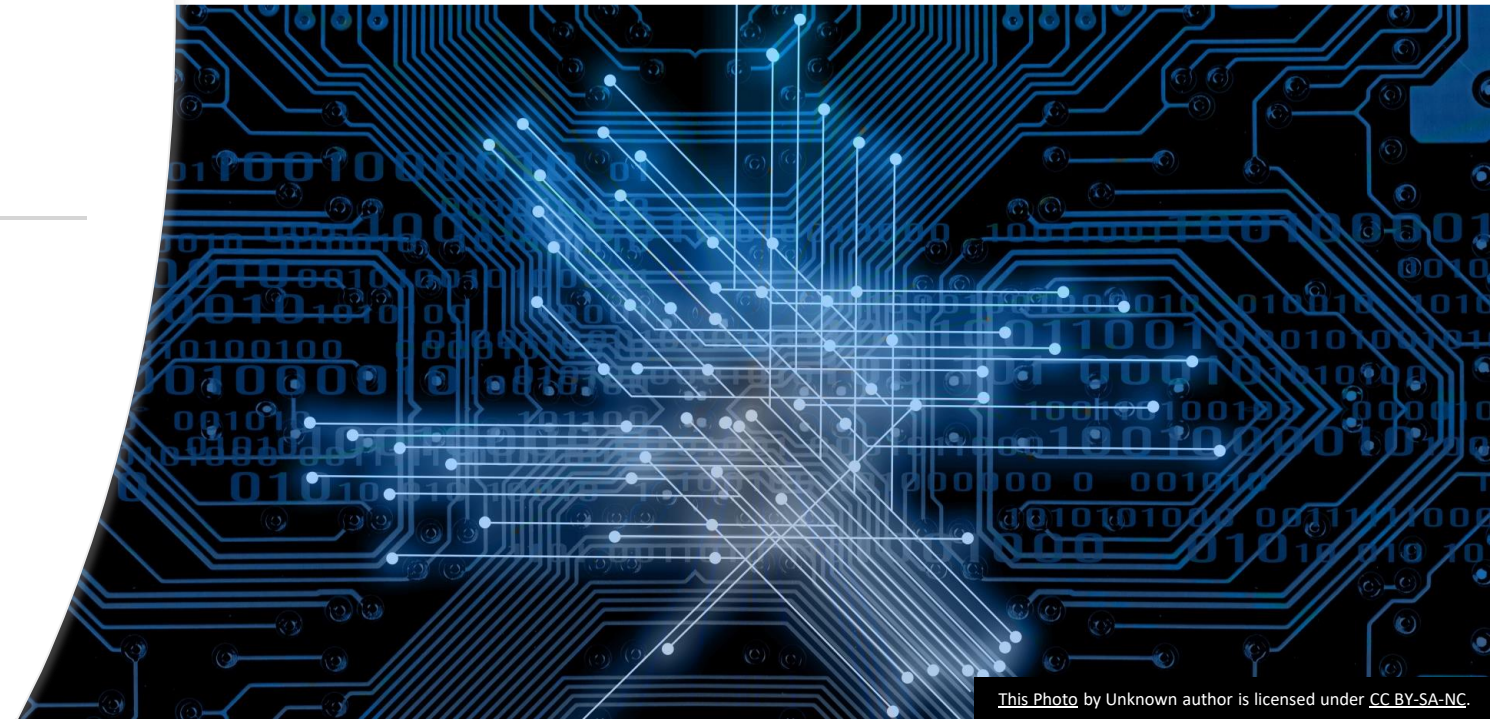
MINI PROJECT

SUPER MARKETING BILLING SYSTEM



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CONTEXT

- About project
- Working
- Header
- Class
- Screen shot

About project

This project is based on billing system For super market.

use of stream class and file handling in c++ programming language.

This supermarket billing system is a simple console application built in C++without the use of graphics. This project will help you understand basically two things

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working

Work in super market is as follows

Only Administrator will have access to add, remove and set prices for any product.

Buyer will search for the product ,select that product and move to the counter.

Bill counter will generate bill of that product

Header used

#include<iostream>

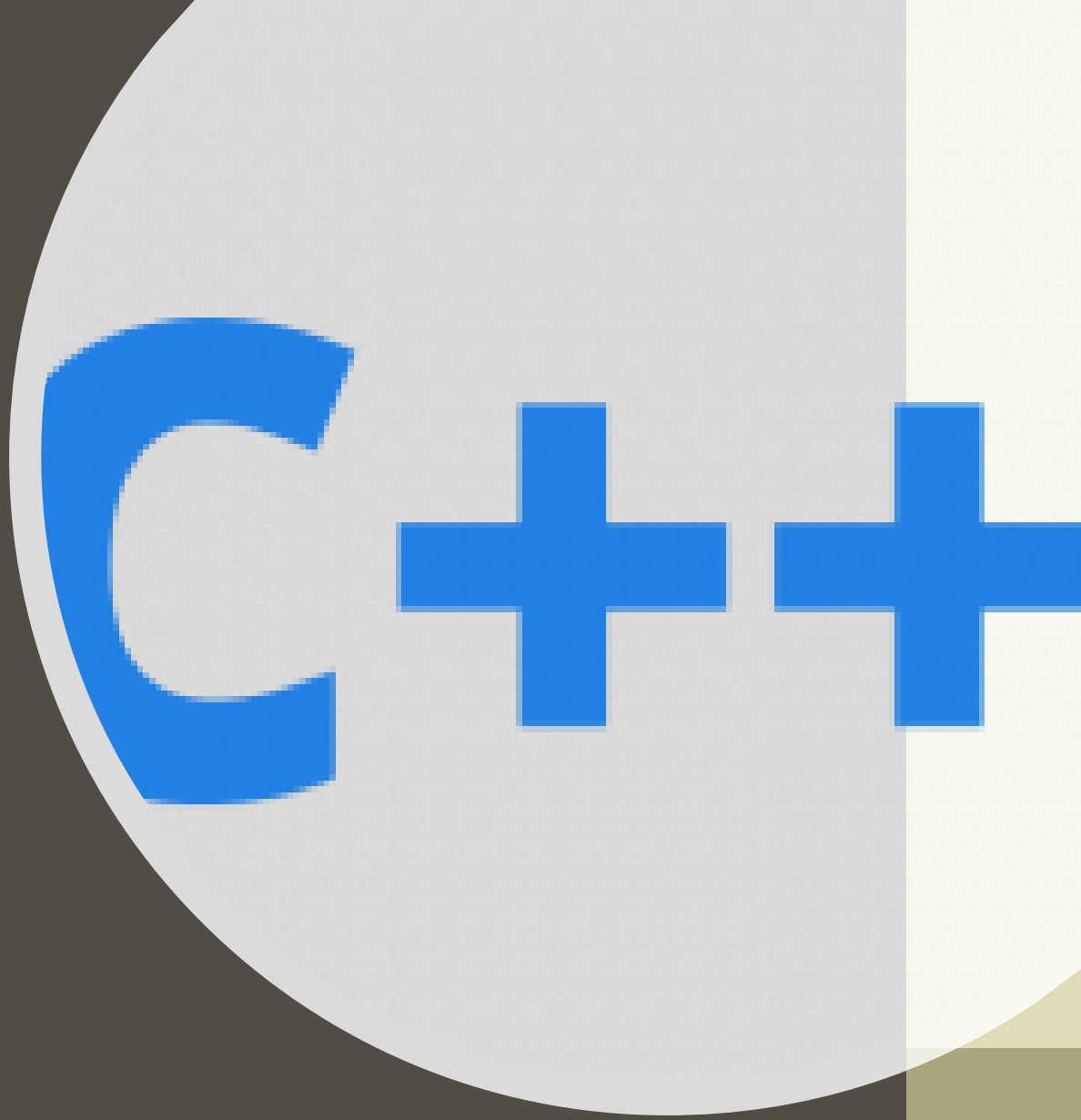
- In C++, we can perform input and output functionality by using Iostream.
- In c++, stream stands or represents a sequence of character or byte which is used to perform io operations.

#include<fstream>

- In C++ the concept of the fstream is used for the reading and writing on the file system.
- it has ability to do dual work which means it has ofstream and ifstream.

#include<iomanip>

The iomanip is a **library in C++ which helps us in manipulating the output of any C++ program**.



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Class

BILLING SYSTEM:

DATA MEMBER

- Product Code:
- Product Price
- Discount
- Product Name

MEMBER FUNCTION

- Administrator
- Add
- Edit
- Remove
- List
- Receipt
- Menu
- Buyer

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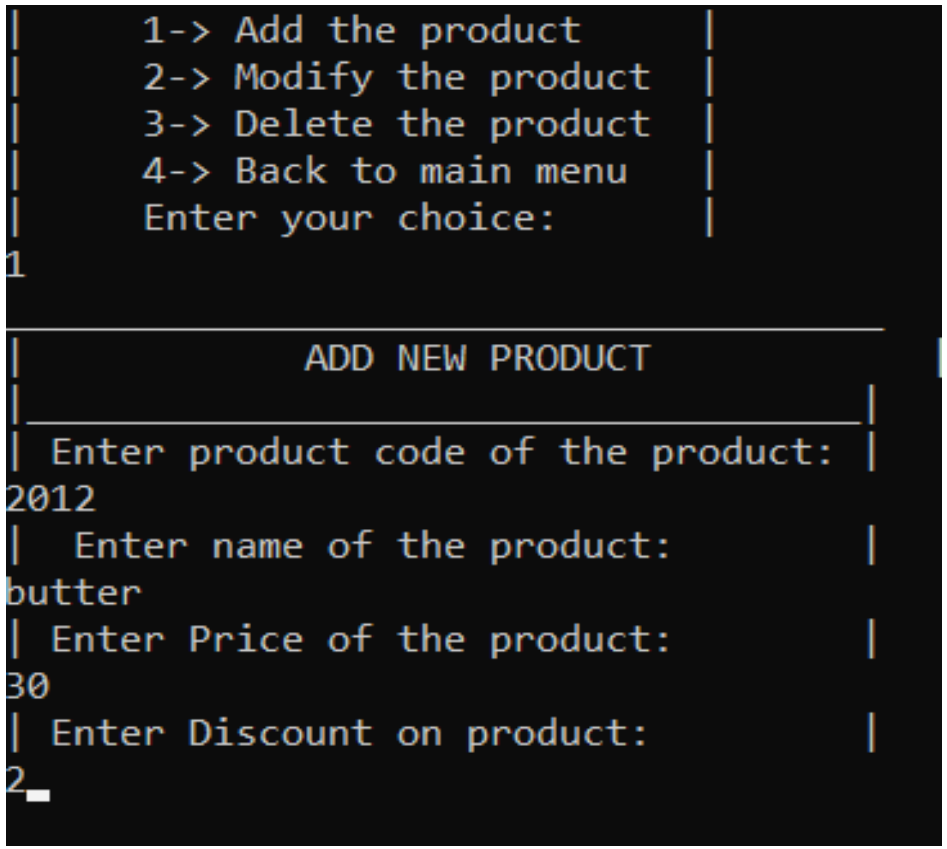
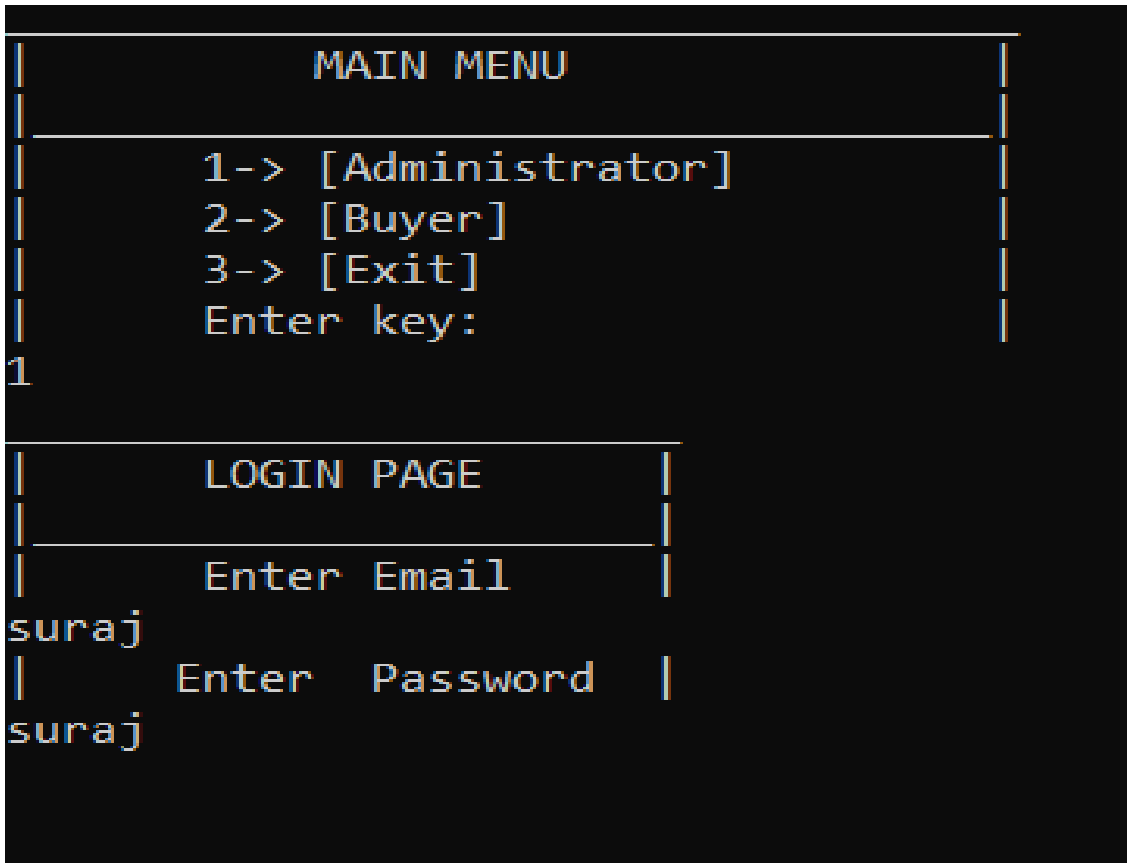
OUTPUT SCREENSHOTS





```
_____________________________________
|            ADD NEW PRODUCT            |
|_____________________________________|
| Enter product code of the product: |
20126
|  Enter name of the product:        |
cheese
| Enter Price of the product:        |
80
| Enter Discount on product:         |
2
Record inserted
_____________________________
|         ADMINISTRATOR       |
|_____________________________|
|     1-> Add the product     |
|     2-> Modify the product  |
|     3-> Delete the product  |
|     4-> Back to main menu   |
|     Enter your choice:      |
1
_____________________________________
|            ADD NEW PRODUCT            |
|_____________________________________|
| Enter product code of the product: |
20128
|  Enter name of the product:        |
ghee
| Enter Price of the product:        |
300
| Enter Discount on product:         |
5
Record inserted
```

```
Enter product code:
20126
Enter the product quantity:
4
Do you want to buy another product? if yes then press y else n:
y
Enter product code:
20128
Enter the product quantity:
1
Do you want to buy another product? if yes then press y else n:
n
_____________________________________________________________________________
|                              RECEIPT                                        |
|____________________________________________________________________________|
| PORODUCT NO | PRODUCT NAME  | QUANTITY | PRICE | AMOUNT |AMOUNT WITH DISCOUNT |
|____________|_____________|_________|______|_______|____________________|
 20120        Butter         2          30      60       58.8
 20122        Pen            1          10      10       10
 20126        cheese         4          80      320      313.6
 20128        ghee           1          300     300      285


Total Amount:667.4
_____________________________
|        BUYER              |
|___________________________|
|     1->   Buy Product     |
|     2->   Go back         |
|     Enter your choice:    |
```

Why To Choose C++

- It’s a object oriented programming language.
- Career Opportunities C++ is considered as a foundation language for many languages. ...
- C++ is an Efficient and Fast Language C++ is an advanced language that supports various programming methods like functional, procedural, and object-oriented programming. ...
- Suitable for Big Projects ...
- Community Support of C++ ...
- C++ Is Everywhere ...
- Embedded Systems ...
- Versatility ...

THANK YOU