



SZABIST

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INTRODUCTION TO COMPUTER SCIENCE (LAB)

PROJECT REPORT

ON

RESTAURANT MENU

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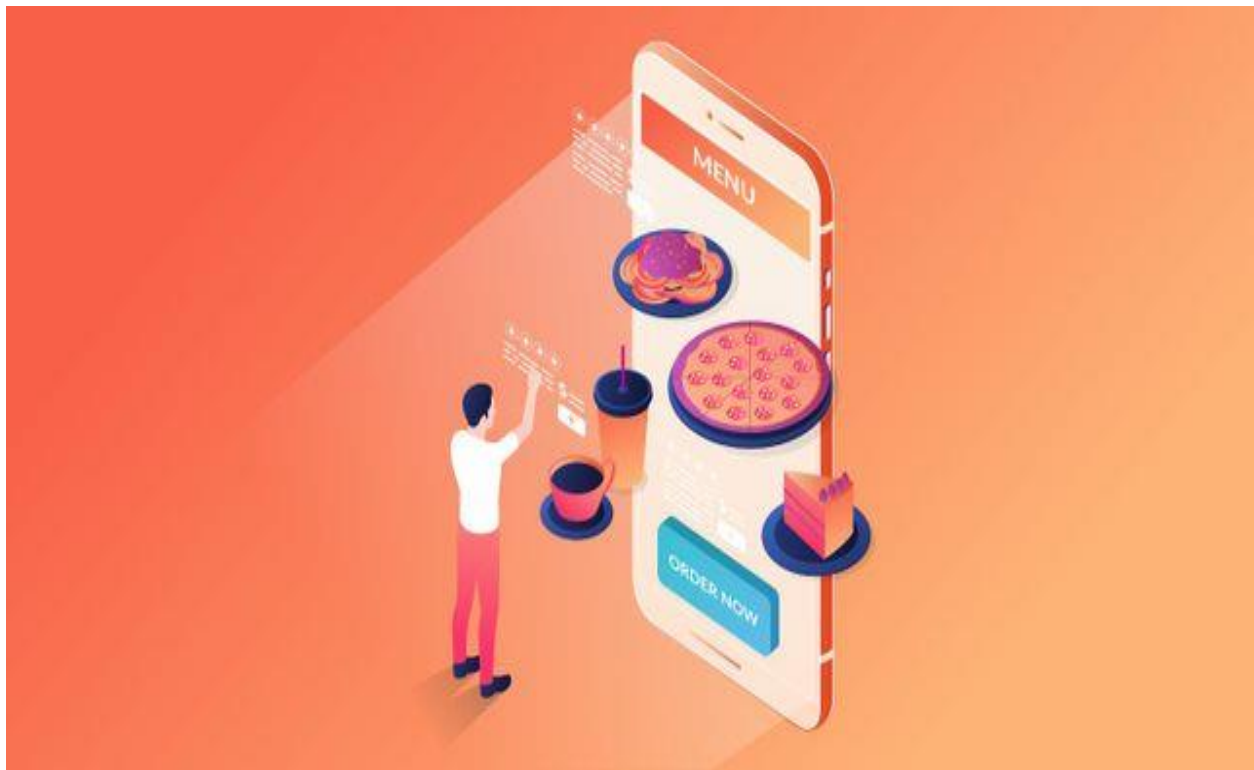
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SUMMARY

We will make a restaurant menu using c language programming in which the customers would order food digitally. Firstly, the customer would enter his name and phone number, then customer would choose the items to order from the menu and press enter when the items are selected. Then, after the order is entered the software would tell the customer its total bill including taxes that would automatically be calculated in the program. This program would be a great help as it would cut down the cost of waiters to take orders as the orders are taken through this program.



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CHAPTER 1

INTRODUCTION

The restaurant menu system is a program made using C-language to provide service to restaurant and its customer, the performance of this program is efficient as well as it also save time as it is fast in processing the orders given by the customers. Moreover, due to the use of this digitalized system, the risk of human errors is eliminated as this system displays all the information of menu to the customer and customer can order anything that he/she wants to order.

Now once the customer enters the restaurant, he/she can place his order on digital tablet right from the choice of food until the payment confirmation. He/she can choose from various food items on the menu, when the customer completes giving order he/she will receive the total amount to pay at the counter with tax included.

CHAPTER 2

BACKGROUND

Algorithm:

1. Start
2. Initialize functions of Breakfast(void), Lunch(void), Dinner(void),Quit(void)and void about(void) before the main function.
3. Initialize variable int option, int num
4. Initialize array char name[100] and array add[200]
5. Print " enter your name"
6. Take the input of name in char name[100] through gets().
7. Print "enter your contact number"
8. Enter the contact number and save it in the variable named num.
9. Print welcome to the AAZ restaurant
10. Print select one of the following options :- 1- Breakfast, 2-Lunch, 3-Dinner, 4-Quit.
11. Implement switch (option)
12. Case 1:
13. Breakfast ();
14. Break;
15. Case 2:
16. Lunch();
17. Break;
18. Case 3:
19. Dinner();

20. Break;
21. Case 4:
22. Quit();
23. Break;
24. Default:
25. Print the option entered is invalid
26. Call function void about (void)
27. Print -----About Us-----
28. Print " The AAZ Restaurant is Pakistan's most recognized and distinguished hospitality brand with a history of market innovation and excellence in restaurants chain operation. The AAZ Restaurants are regarded and respected as the number one restaurant entity in Pakistan by local and foreign observers.The AAZ Restaurants are an example of gracious dinning, outstanding service, extraordinary classic and contemporary cuisine. The restaurants have become the ultimate dinning destinations in Lahore. From family occasions to business Dinners and moments of the heart, this place is where unforgettable memories are made."
29. Print press key to continue
30. Use built in function Getch()
31. Call Breakfast(void) function
32. Initialize variables choice, amount =0, total=0, quantity=0.
33. Print" -----Breakfast menu-----"
34. Print select the items from the menu
35. Print " [1] Dounuts - Rs 120 , [2] Fried Egg - Rs 40 , [3] Toast - Rs 60 , [4] Orange Juice - Rs 150.
36. Print choose your choice
37. Input choice and save it in the variable choice
38. If choice == 1
39. Print You have purchased Donuts
40. Print "Enter quantity"
41. Input quantity and save in the variable quantity.
42. amount = 120 * quantity
43. Print Your total amount to be paid as saved in the variable amount

```
44. else if(choice == 2)
45. Print you have purchased fried eggs
46. Print "Enter quantity"
47. Input quantity and save in the variable quantity.
48. amount = 40 * quantity
49. Print Your total amount to be paid as saved in the variable amount
50. If choice == 3
51. Print You have purchased toast
52. Print "Enter quantity"
53. Input quantity and save in the variable quantity.
54. amount = 60 * quantity
55. Print Your total amount to be paid as saved in the variable amount
56. If choice == 4
57. Print You have purchased orange juice
58. Print "Enter quantity"
59. Input quantity and save in the variable quantity.
60. amount = 150 * quantity
61. Print Your total amount to be paid as saved in the variable amount
62. Else
63. Print invalid input of choice
64. total=total+amount;
65. Print your order is been placed.
66. Print Total amount as mentioned in the variable "total"and please pay at the counter
67. Print Do you want to order more? (Y/N)
68. Enter Y or N . And save it in the variable "cont".
69. While (cont == 'y' || cont == 'Y');
70. Clear screen
71. Print Total amount including tax as given after calculating "total+total*15/100".
```


72. Print pay the bill at the counter.

73. End function Breakfast(void)

74. Call function Lunch(void)

75. Initialize variables choice, amount =0, total=0, quantity=0, char cont.

76. Print " -----Lunch menu-----"

77. Print select the items from the menu

78. Print " [1] biryani - Rs 120 , [2] Haleem - Rs 160, [3] nihari - Rs 180 , [4] Kurma - Rs 200.

79. Print choose your choice

80. Input choice and save it in the variable choice

81. If choice == 1

82. Print You have purchased biryani

83. Print "Enter quantity"

84. Input quantity and save in the variable quantity.

85. amount = 120 * quantity

86. Print Your total amount to be paid as saved in the variable amount

87. else if(choice == 2)

88. Print you have purchased haleem

89. Print "Enter quantity"

90. Input quantity and save in the variable quantity.

91. amount = 160 * quantity

92. Print Your total amount to be paid as saved in the variable amount

93. If choice == 3

94. Print You have purchased nihari

95. Print "Enter quantity"

96. Input quantity and save in the variable quantity.

97. amount = 180 * quantity

98. Print Your total amount to be paid as saved in the variable amount

99. If choice == 4

100. Print You have purchased kurma

101. Print "Enter quantity"

102. Input quantity and save in the variable quantity.

103. amount = 200 * quantity

104. Print Your total amount to be paid as saved in the variable amount

105. Else

106. Print invalid input of choice

107. total=total+amount;

108. Print your order is been placed.

109. Print Total amount as mentioned in the variable "total"and please pay at the counter

110. Print Do you want to order more? (Y/N)

111. Enter Y or N . And save it in the variable "cont".

112. While (cont == 'y' || cont == 'Y');

113. Clear screen

114. Print Total amount including tax as given after calculating "total+total*15/100".

115. Print pay the bill at the counter.

116. End function Lunch(void)

117. Call function Dinner(void)

118. Initialize variables choice, amount =0, total=0, quantity=0, char cont.

119. Print" -----Dinner menu-----"

120. Print select the items from the menu

121. Print " [1] zinger burger - Rs 250 , [2] chicken burger - Rs 210 , [3] chicken mayo roll - Rs 170 , [4] Broast - Rs 230.

122. Print choose your choice

123. Input choice and save it in the variable choice

124. If choice == 1

125. Print You have purchased zinger burger

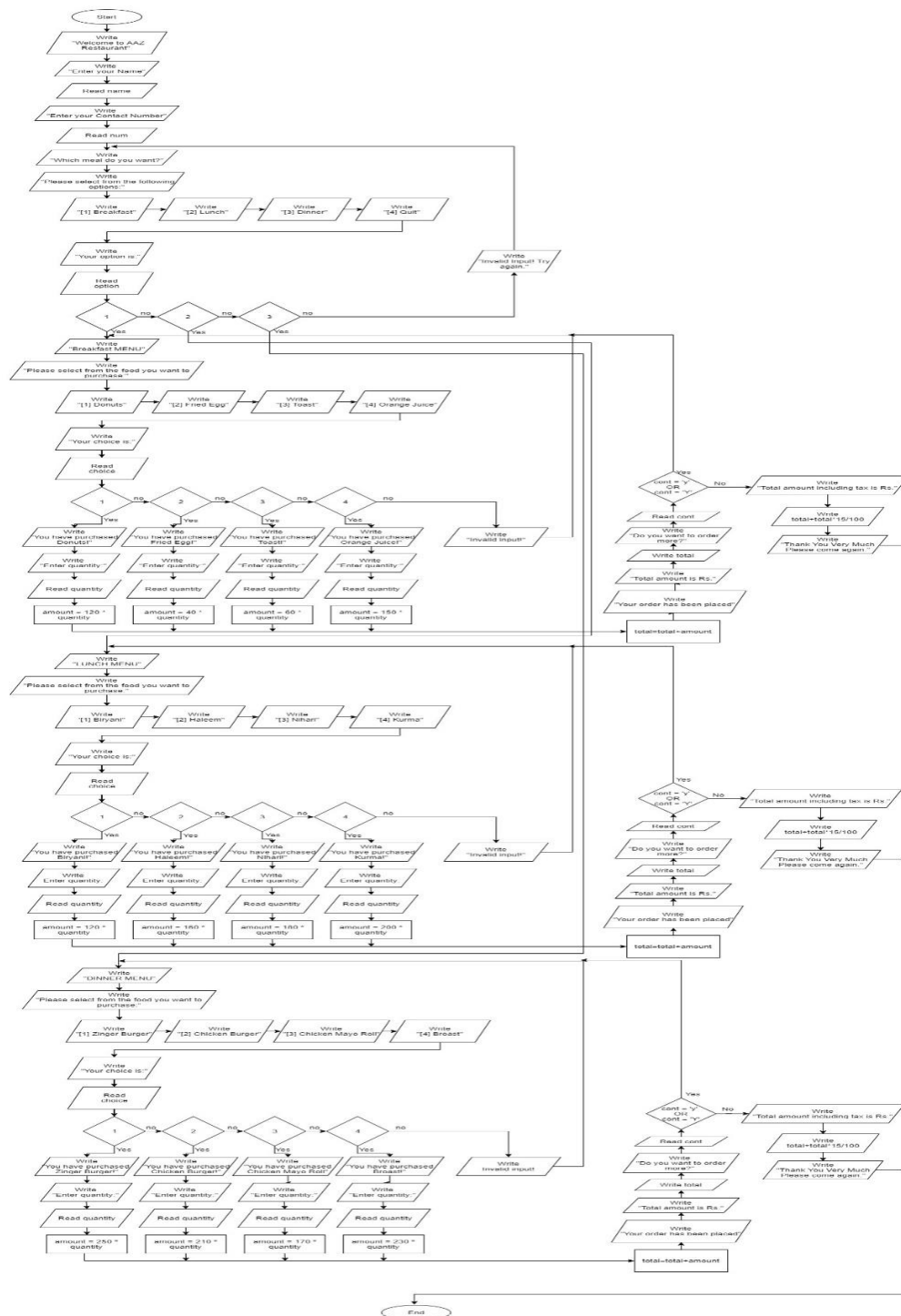
126. Print "Enter quantity"

127. Input quantity and save in the variable quantity.

```
128. amount = 250 * quantity
129. Print Your total amount to be paid as saved in the variable amount
130. else if(choice == 2)
131. Print you have purchased chicken burger
132. Print "Enter quantity"
133. Input quantity and save in the variable quantity.
134. amount = 210 * quantity
135. Print Your total amount to be paid as saved in the variable amount
136. If choice == 3
137. Print You have purchased chicken mayo roll
138. Print "Enter quantity"
139. Input quantity and save in the variable quantity.
140. amount = 170 * quantity
141. Print Your total amount to be paid as saved in the variable amount
142. If choice == 4
143. Print You have purchased broast
144. Print "Enter quantity"
145. Input quantity and save in the variable quantity.
146. amount = 230 * quantity
147. Print Your total amount to be paid as saved in the variable amount
148. Else
149. Print invalid input of choice
150. total=total+amount;
151. Print your order is been placed.
152. Print Total amount as mentioned in the variable "total"and please pay at the counter
153. Print Do you want to order more? (Y/N)
154. Enter Y or N . And save it in the variable "cont".
155. While (cont == 'y' || cont == 'Y');
```

156. Clear screen
157. Print Total amount including tax as given after calculating "total+total*15/100".
158. Print pay the bill at the counter.
159. End function Dinner (void)
160. Call function Quit (void)
161. Print "-----Thank You Very Much-----"
162. Print " ===== "
163. Print "-----Please come again.-----"
164. End.

Flowchart:



CHAPTER 3

WORKING OF PROJECT (WITH SCREENSHOTS)

```
#include <stdlib.h>
```

```
#include <stdio.h>
```

```
#include <Windows.h>
```

```
int option; //global variable
```

```
int num;
```

```
char name[100], add[200];
```

```
void about(void); //functions prototype
```

```
int breakfast(void);
```

```
int lunch(void);
```

```
int dinner(void);
```

```
int quit(void);
```

```
void about(void);
```

```
void loader();
```

```
void gotoxy(int x,int y);
```

```
int main()
```

```
{
```

```
    system("COLOR 0B");
```

```
    loader();
```

```
    printf("\n\n\t\t\t ----- Welcome to AAZ Restaurant ----- \n\n\n");
```

```

printf("\t\t\tEnter your name: ");
gets(name);
printf("\t\t\tEnter your contact number: ");
scanf("%d", &num);
about();
reuse:
printf("\n\t  -----Welcome to AAZ Restaurant----- \n\n");
printf("\t  Which meal do you want? \n");
printf("\t  Please select from the following options: \n");
printf("\t  [1] Breakfast\n");
printf("\t  [2] Lunch\n");
printf("\t  [3] Dinner\n");
printf("\t  [4] Quit\n\n");
printf("\t  Your option is: ");
scanf("%d", &option);
system("cls");
//using switch-case statements
switch(option)
{
    case 1:
        breakfast();
        break;
    case 2:
        lunch();
        break;
    case 3:
        dinner();
        break;

```

```

        case 4:
            quit();
            break;
        default:
            printf("Invalid Input! Try again.");
            sleep(2);
            system("cls");
            goto reuse;
        }

        return 0;
    }

void loader()
{
    printf("\n\n\t\t\t ----- Welcome to AAZ Restaurant ----- \n\n\n");
    int i;
    gotoxy(33,10);
    printf("Please Wait Loading System...");
    gotoxy(10,12);
    for (i=0;i<78;i++)
    {
        Sleep(20);
        printf("%c",219);
    }
    gotoxy(33,14);
    printf("System Loaded Successfully");
    gotoxy(33,18);

```



```

        printf("Press Any Key To Continue");
        getch();
        system("cls");
    }

//Function for going to specific line segments

void gotoxy(int x,int y)
{
    COORD coord;
    coord.X=x;
    coord.Y=y;

    SetConsoleCursorPosition(GetStdHandle(STD_OUTPUT_HANDLE),coord);
}

void about(void)
{
    printf("\n\n\t\t\t\t\t ABOUT US\n");
    printf("\t-----\n\n");

    printf("\tThe AAZ Restaurant is Pakistan's most recognized and distinguished hospitality
brand with a history \n \tof market innovation and excellence in restaurants chain operation.\n");

    printf("\tThe AAZ Restaurants are regarded and respected as the number one restaurant
entity in Pakistan by \n\tlocal and foreign observers.\n");

    printf("\tThe AAZ Restaurants are an example of gracious dinning, outstanding service,
extraordinary classic \n\tand contemporary cuisine.\n");

    printf("\tThe restaurants have become the ultimate dinning destinations in Lahore. From
family occasions to \n\tbusiness dinners and moments of the heart, this place is where
unforgettable memories are made.\n\n");
}

```

```

        printf("\t-----\n\n\n");
        printf("\t\tPress Any Key To Continue");
        getch();
        system("cls");
    }

```

int breakfast(void) //lunch function

```

{
    int choice, amount=0, total=0, quantity=0;
    char cont;

    printf("\n\n\t -----Welcome to AAZ Restaurant----- \n\n");
    printf("\t\t\t Breakfast MENU \n");
    back:
    do
    {
        printf("\n\t\t Please select from the food you want to purchase: \n");
        printf("\t\t [1] Donuts - Rs 120\n");
        printf("\t\t [2] Fried Egg - Rs 40\n");
        printf("\t\t [3] Toast - Rs 60\n");
        printf("\t\t [4] Orange Juice - Rs 150\n\n");
        printf("\t\t Your choice is: ");
        scanf("%d", &choice);
        if(choice == 1)
        {
            printf("\n\t\t You have purchased Donuts! \n");
            printf("\t\t\t Enter quantity: ");
            scanf("%d", &quantity);

```

```

        amount = 120 * quantity ;

        printf("\n\t    Your total amount to be paid is Rs %d!\n\n", amount);
    }

else if(choice == 2)
{
    printf("\n\t    You have purchased Fried Egg! \n\n");
    printf("\n\t    Enter quantity : ");
        scanf("%d", &quantity);
        amount = 40 * quantity ;

        printf("\n\t    Your total amount to be paid is Rs %d.\n\n", amount);
    }

else if(choice == 3)
{
    printf("\n\t    You have purchased Toast! \n\n");
    printf("\n\t    Enter quantity: ");
        scanf("%d", &quantity);
        amount = 60 * quantity ;

        printf("\n\t    Your total amount to be paid is Rs %d.\n\n", amount);
    }

else if(choice == 4)
{
    printf("\n\t    You have purchased Orange Juice! \n\n");
    printf("\n\t    Enter quantity : ");
        scanf("%d", &quantity);
        amount = 150 * quantity ;

        printf("\n\t    Your total amount to be paid is Rs %d.\n\n", amount);
    }

else

```

```

        {
            printf("\n\t Invalid input! \n");
            goto back;
        }

        total=total+amount;

        printf("|=====
=====|\n");

            printf("\t %s's order is been placed.          ", name);
            printf("\n\t Total amount is Rs %d, please pay at the counter \n",
total);

            printf("
|=====
===|\n");

            printf("\n\t Do you want to order more? (Y/N): ");
            scanf(" %c", &cont);
            system("cls");

        } while (cont == 'y' || cont == 'Y');
        system("cls");

        printf("\n\t Total amount including tax is Rs %d, please pay at the counter\n\n",
total+total*15/100);
        quit();
    }

int lunch(void) //lunch function
{
    int choice, amount=0, total=0, quantity=0;
    char cont;

```

```

        printf("\n\n\t -----Welcome to AAZ Restaurant----- \n\n");
printf("\t\t\t LUNCH MENU \n");
back:
do
{
printf("\n\t\t Please select from the food you want to purchase: \n");
printf("\t\t [1] Biryani - Rs 120\n");
printf("\t\t [2] Haleem - Rs 160\n");
printf("\t\t [3] Nihari - Rs 180\n");
printf("\t\t [4] Kurma - Rs 200\n\n");
printf("\t\t Your choice is: ");
scanf("%d", &choice);
if(choice == 1)
{
printf("\n\t\t You have purchased Biryani! \n");
printf("\n\t\t Enter quantity: ");
scanf("%d", &quantity);
amount = 120 * quantity ;
printf("\n\t\t Your total amount to be paid is Rs %d!\n\n\n ", amount);
}
else if(choice == 2)
{
printf("\n\t\t You have purchased Haleem! \n\n");
printf("\n\t\t Enter quantity : ");
scanf("%d", &quantity);
amount = 160 * quantity ;
printf("\n\t\t Your total amount to be paid is Rs %d.\n\n\n ", amount);
}
}

```

```

else if(choice == 3)
{
printf("\n\t    You have purchased Nihari! \n");
printf("\n\t    Enter quantity : ");
scanf("%d", &quantity);
amount = 180 * quantity ;
printf("\n\t    Your total amount to be paid is Rs %d.\n\n", amount);
}

else if(choice == 4)
{
printf("\n\t    You have purchased Kurma! \n");
printf("\n\t    Enter quantity : ");
scanf("%d", &quantity);
amount = 200 * quantity ;
printf("\n\t    Your total amount to be paid is Rs %d.\n\n", amount);
}

else
{
printf("\n\t    Invalid input! \n");
goto back;
}

total=total+amount;

printf("=====
=====|\n");

printf("\t    %s's order is been placed.          ", name);
printf("\n\t    Total amount is Rs %d, please pay at the counter  \n",
total);

```

```

printf("
=====
===\n");

printf("\n\t Do you want to order more? (Y/N)\n");
scanf(" %c", &cont);
system("cls");

} while (cont == 'y' || cont == 'Y');
system("cls");
printf("\n\t Total amount including tax is Rs %d, please pay at the counter\n\n",
total+total*15/100);
quit();
}

```

```

int dinner(void) //dinner function

```

```

{
    int choice, amount=0, total=0, quantity=0;
    char cont;

    printf("\n\n\t\t -----Welcome to AAZ Restaurant----- \n\n");
    printf("\t\t DINNER MENU \n");
    back:
    do
    {
        printf("\n\t Please select from the food you want to purchase: \n");
        printf("\t [1] Zinger Burger - Rs 250\n");
        printf("\t [2] Chicken Burger - Rs 210\n");
        printf("\t [3] Chicken Mayo Roll - Rs 170\n");
        printf("\t [4] Broast - Rs 230\n\n");
    }
}

```

```

printf("\t\t Your choice is: ");
scanf("%d", &choice);
if(choice == 1)
{
printf("\n\t\t You have purchased Zinger Burger! \n");
printf("\n\t\t Enter quantity : ");
scanf("%d", &quantity);
amount = 250 * quantity ;
printf("\n\t\t Your total amount to be paid is Rs %d!\n\n", amount);
}
else if(choice == 2)
{
printf("\n\t\t You have purchased Chicken Burger! \n\n");
printf("\n\t\t Enter quantity : ");
scanf("%d", &quantity);
amount = 210 * quantity ;
printf("\n\t\t Your total amount to be paid is Rs %d.\n\n", amount);
}
else if(choice == 3)
{
printf("\n\t\t You have purchased Chicken Mayo Roll! \n");
printf("\n\t\t Enter quantity: ");
scanf("%d", &quantity);
amount = 170 * quantity ;
printf("\n\t\t Your total amount to be paid is Rs %d.\n\n", amount);
}
else if(choice == 4)
{

```



```

printf("\n\t    You have purchased Broast! \n");
printf("\n\t    Enter quantity : ");
scanf("%d", &quantity);
amount = 230 * quantity ;
printf("\n\t    Your total amount to be paid is Rs %d.\n\n", amount);
}
else
{
printf("\n\t    Invalid input! \n");
goto back;
}

total=total+amount;

printf("=====
=====|\n");

printf("\t    %s order is been placed.          ", name);
printf("\n\t    Total amount is Rs %d, please pay at the counter  \n",
total);

printf("
|=====
==|\n");

printf("\n\t    Do you want to order more? (Y/N): ");
scanf(" %c", &cont);
system("cls");

} while (cont == 'y' || cont == 'Y');
system("cls");

printf("\n\t    Total amount including tax is Rs %d, please pay at the counter\n\n",
total+total*15/100);

```



```

41     switch(option)
42     {
43         case 1:
44             breakfast();
45             break;
46         case 2:
47             lunch();
48             break;
49         case 3:
50             dinner();
51             break;
52         case 4:
53             quit();
54             break;
55         default:
56             printf("Invalid Input! Try again.");
57             sleep(2);
58             system("cls");
59             goto reuse;
60     }
61
62     return 0;
63 }
64
65 void loader()
66 {
67     printf("\n\n\t\t\t\t\t ----- Welcome to AAZ Restaurant ----- \n\n\n");
68     int i;
69     gotoxy(33,10);
70     printf("Please Wait Loading System...");
71     gotoxy(10,12);
72     for (i=0;i<78;i++)
73     {
74         Sleep(20);
75         printf("%c",219);
76     }
77     gotoxy(33,14);
78     printf("System Loaded Successfully");
79     gotoxy(33,18);
80     printf("Press Any Key To Continue");
81     getch();
82     system("cls");
83 }

```



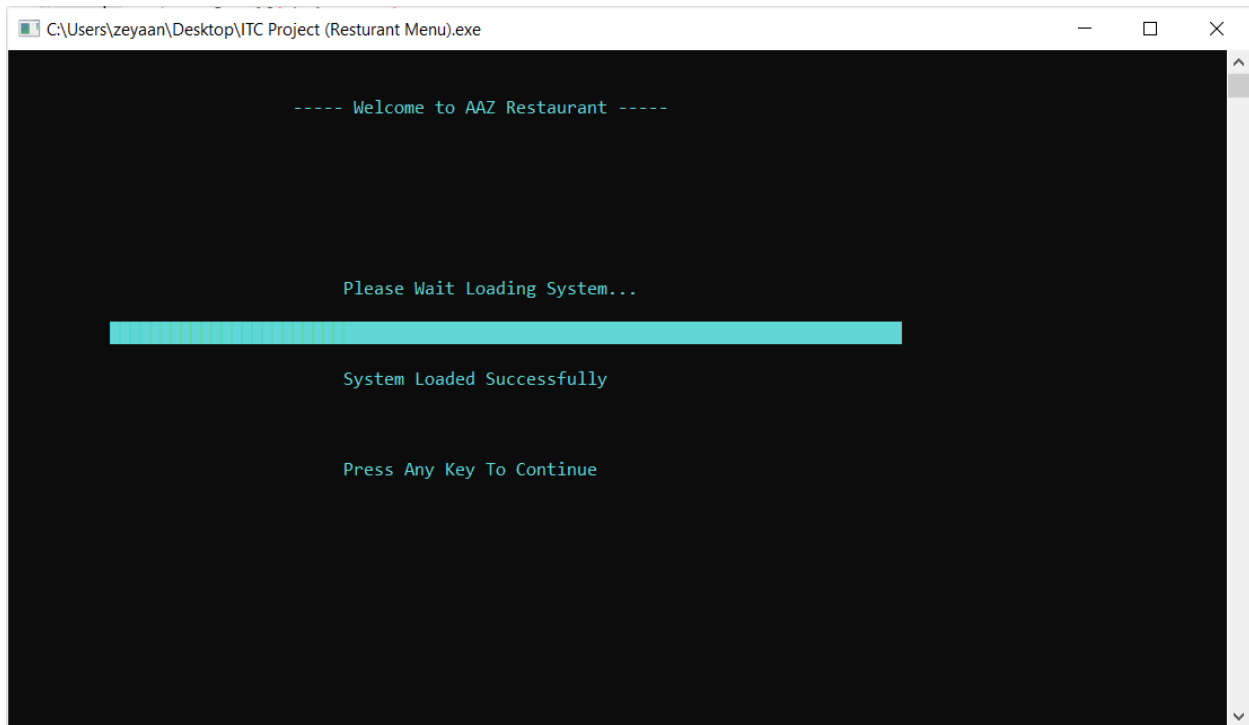
```

170 |         scanf("%c", &cont);
171 |         system("cls");
172 |
173 |     } while (cont == 'y' || cont == 'Y');
174 |     system("cls");
175 |     printf("\n\t\t\t\t\t Total amount including tax is Rs %d, please pay at the counter\n\n", total+total*15/100);
176 |     quit();
177 | }
178 |
179 | int lunch(void) //Lunch function
180 | {
181 |     int choice, amount=0, total=0, quantity=0;
182 |     char cont;
183 |
184 |     printf("\n\n\t\t\t\t\t -----Welcome to AAZ Restaurant----- \n\n");
185 |     printf("\t\t\t\t\t LUNCH MENU \n");
186 |     back:
187 |     do
188 |     {
189 |         printf("\n\t\t\t\t\t Please select from the food you want to purchahse: \n");
190 |         printf("\t\t\t\t\t [1] Biryani - Rs 120\n");
191 |         printf("\t\t\t\t\t [2] Haleem - Rs 160\n");
192 |         printf("\t\t\t\t\t [3] Nihari - Rs 180\n");
193 |         printf("\t\t\t\t\t [4] Kurma - Rs 200\n\n");
194 |         printf("\t\t\t\t\t Your choice is: ");
195 |         scanf("%d", &choice);
196 |         if(choice == 1)
197 |         {
198 |             printf("\n\t\t\t\t\t You have purchased Biryani! \n");
199 |             printf("\n\t\t\t\t\t Enter quantity: ");
200 |             scanf("%d", &quantity);
201 |             amount = 120 * quantity ;
202 |             printf("\n\t\t\t\t\t Your total amount to be paid is Rs %d!\n\n", amount);
203 |         }
204 |         else if(choice == 2)
205 |         {
206 |             printf("\n\t\t\t\t\t You have purchased Haleem! \n\n");
207 |             printf("\n\t\t\t\t\t Enter quantity : ");
208 |             scanf("%d", &quantity);
209 |             amount = 160 * quantity ;
210 |             printf("\n\t\t\t\t\t Your total amount to be paid is Rs %d.\n\n", amount);
211 |         }
212 |         else if(choice == 3)
213 |         {
214 |             printf("\n\t\t\t\t\t You have purchased Nihari! \n");
215 |             printf("\n\t\t\t\t\t Enter quantity : ");
216 |             scanf("%d", &quantity);
217 |             amount = 180 * quantity ;
218 |             printf("\n\t\t\t\t\t Your total amount to be paid is Rs %d.\n\n", amount);
219 |         }
220 |         else if(choice == 4)
221 |         {
222 |             printf("\n\t\t\t\t\t You have purchased Kurma! \n");
223 |             printf("\n\t\t\t\t\t Enter quantity : ");
224 |             scanf("%d", &quantity);
225 |             amount = 200 * quantity ;
226 |             printf("\n\t\t\t\t\t Your total amount to be paid is Rs %d.\n\n", amount);
227 |         }
228 |         else
229 |         {
230 |             printf("\n\t\t\t\t\t Invalid input! \n");
231 |             goto back;
232 |         }
233 |
234 |         total=total+amount;
235 |         printf("\n\t\t\t\t\t =====|\n");
236 |         printf("\t\t\t\t\t %s's order is been placed. ", name);
237 |         printf("\n\t\t\t\t\t Total amount is Rs %d, please pay at the counter \n", total);
238 |         printf("\n\t\t\t\t\t =====|\n");
239 |         printf("\n\t\t\t\t\t Do you want to order more? (Y/N)\n");
240 |         scanf("%c", &cont);
241 |         system("cls");
242 |
243 |     } while (cont == 'y' || cont == 'Y');
244 |     system("cls");
245 |     printf("\n\t\t\t\t\t Total amount including tax is Rs %d, please pay at the counter\n\n", total+total*15/100);
246 |     quit();
247 | }

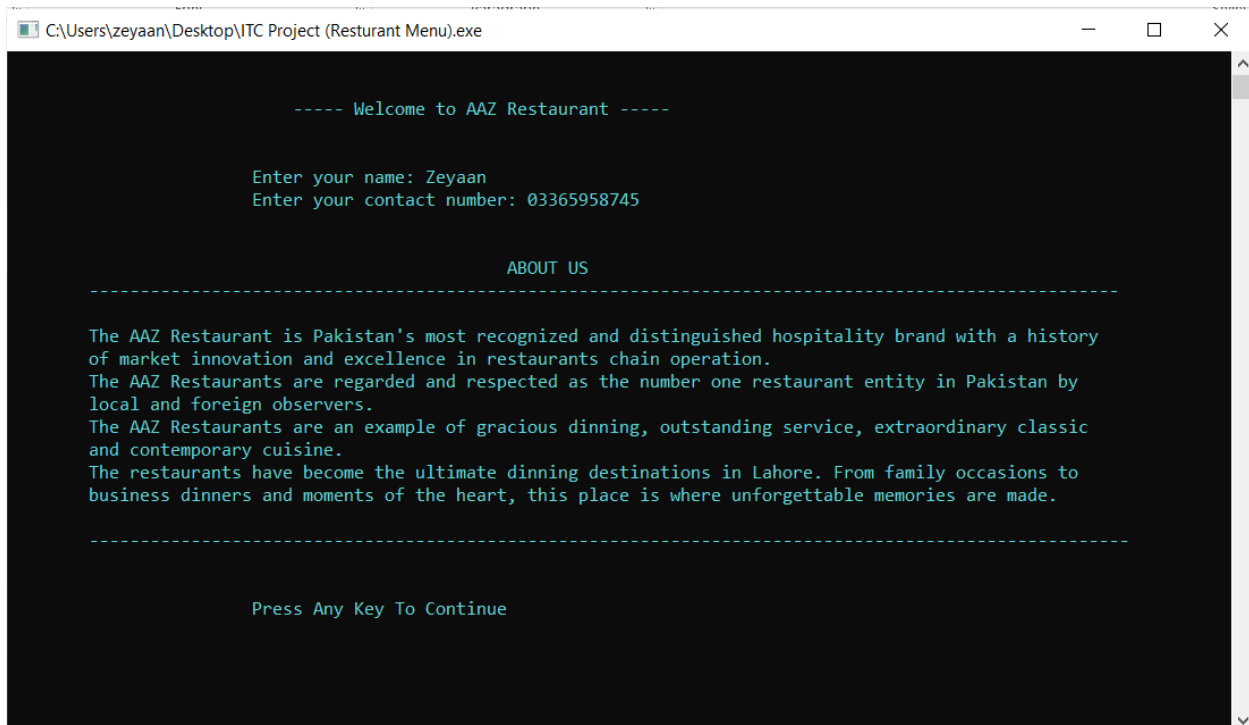
```


Output:

- This is the main screen with loader. After pressing any key the program process further.



- Then user have to enter name and contact number. After this, about screen will be show up and press any key to continue.



- Main menu screen will appear and the customer will choose the meal he/she wants. After, entering any option the program will continue.

```

C:\Users\zayaan\Desktop\ITC Project (Resturant Menu).exe

----Welcome to AAZ Restaurant----

Which meal do you want?
Please select from the following options:
[1] Breakfast
[2] Lunch
[3] Dinner
[4] Quit

Your option is:

```

- If option 1 (Breakfast) is chosen, breakfast menu will be appeared. According to user's preference he/she will select their option about what they want to eat. Then user will enter quantity and if they want to order more they have to select Y/y to continue or else their bill will be calculated.

```

C:\Users\zayaan\Desktop\ITC Project (Resturant Menu).exe

----Welcome to AAZ Restaurant----

Breakfast MENU

Please select from the food you want to purchahse:
[1] Dounuts - Rs 120
[2] Fried Egg - Rs 40
[3] Toast - Rs 60
[4] Orange Juice - Rs 150

Your choice is: 1

You have purchased Dounuts!

Enter quantity: 5

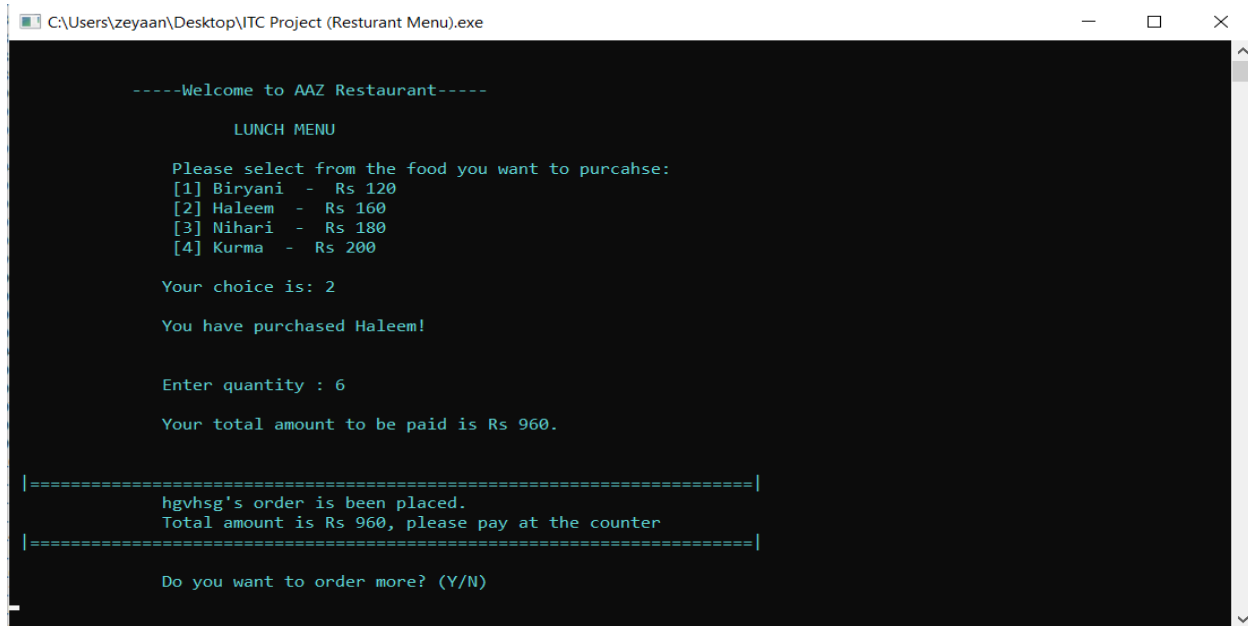
Your total amount to be paid is Rs 600!

=====|
zayaan's order is been placed.
Total amount is Rs 600, please pay at the counter
=====|

Do you want to order more? (Y/N):

```


- If option 2 (Lunch) is chosen, lunch menu will be appeared. According to user's preference he/she will select their option about what they want to eat. Then user will enter quantity and if they want to order more they have to select Y/y to continue or else their bill will be calculated.



```

C:\Users\zeyaan\Desktop\ITC Project (Resturant Menu).exe

-----Welcome to AAZ Restaurant-----

          LUNCH MENU

Please select from the food you want to purchahse:
[1] Biryani   -   Rs 120
[2] Haleem    -   Rs 160
[3] Nihari    -   Rs 180
[4] Kurma     -   Rs 200

Your choice is: 2

You have purchased Haleem!

Enter quantity : 6

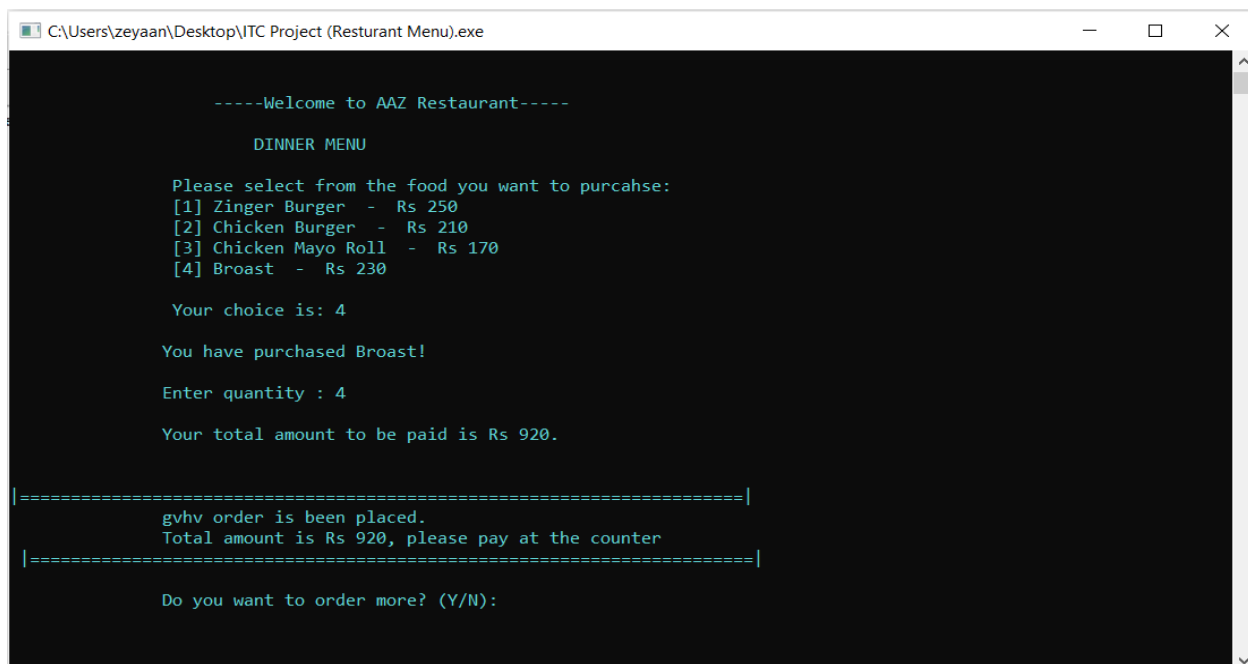
Your total amount to be paid is Rs 960.

=====|
          hgvhsg's order is been placed.
          Total amount is Rs 960, please pay at the counter
=====|

Do you want to order more? (Y/N)

```

- If option 3 (Dinner) is chosen, dinner menu will be appeared. According to user's preference he/she will select their option about what they want to eat. Then user will enter quantity and if they want to order more they have to select Y/y to continue or else their bill will be calculated.



```

C:\Users\zeyaan\Desktop\ITC Project (Resturant Menu).exe

-----Welcome to AAZ Restaurant-----

          DINNER MENU

Please select from the food you want to purchahse:
[1] Zinger Burger   -   Rs 250
[2] Chicken Burger  -   Rs 210
[3] Chicken Mayo Roll -   Rs 170
[4] Broast          -   Rs 230

Your choice is: 4

You have purchased Broast!

Enter quantity : 4

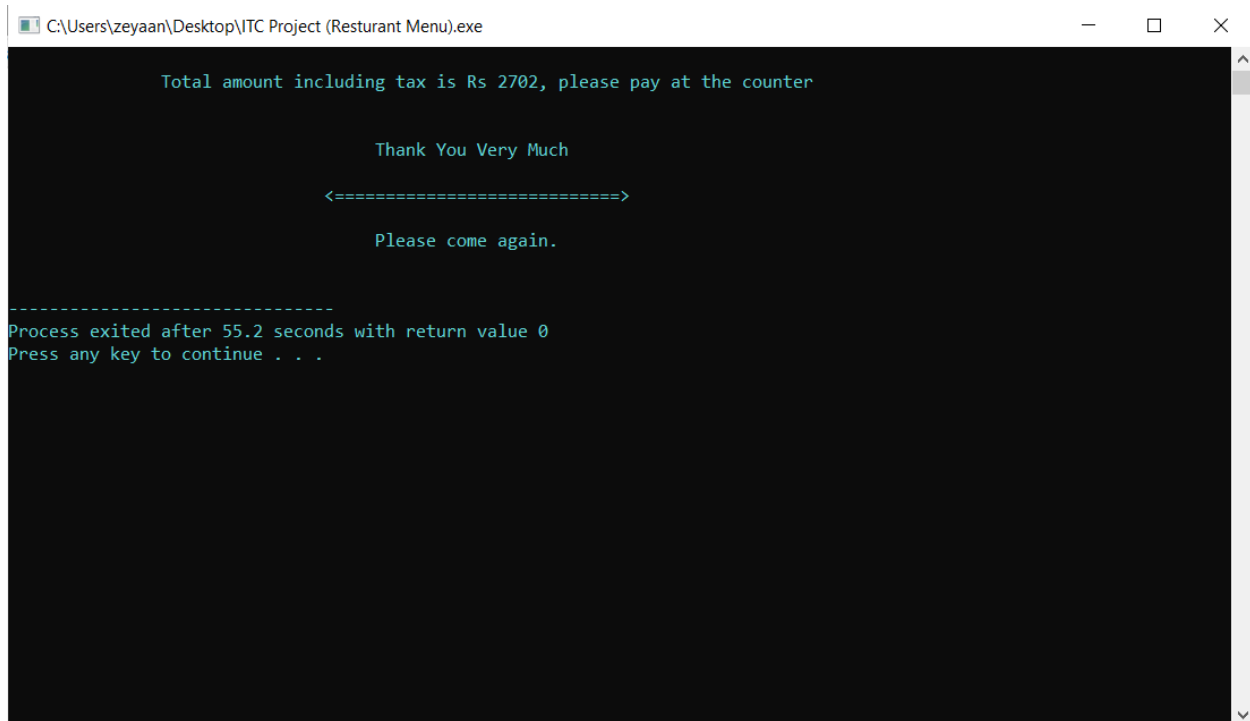
Your total amount to be paid is Rs 920.

=====|
          gvhy order is been placed.
          Total amount is Rs 920, please pay at the counter
=====|

Do you want to order more? (Y/N):

```

- If any other key is pressed, the total amount of bill will be calculated including 15% tax.



```
C:\Users\zayaan\Desktop\ITC Project (Resturant Menu).exe

Total amount including tax is Rs 2702, please pay at the counter

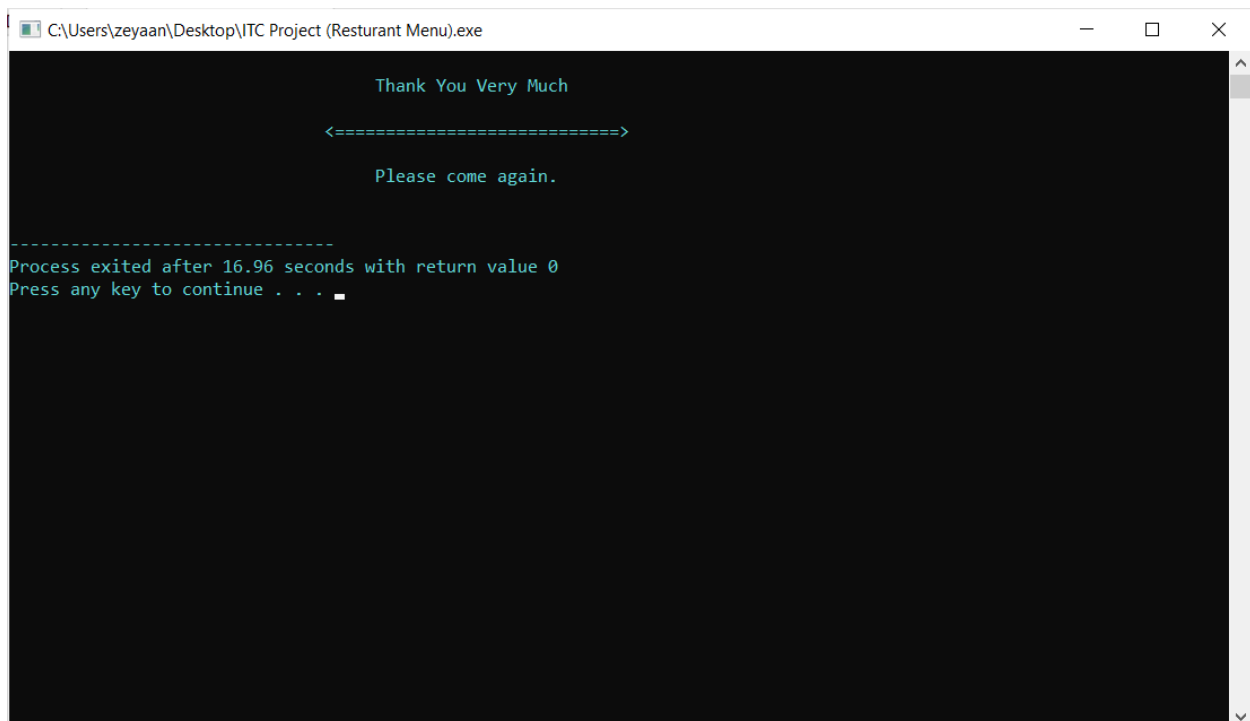
Thank You Very Much

<=====>

Please come again.

-----
Process exited after 55.2 seconds with return value 0
Press any key to continue . . .
```

- If option 4 (quit) is chosen, this screen will show up means you have quit the menu.



```
C:\Users\zayaan\Desktop\ITC Project (Resturant Menu).exe

Thank You Very Much

<=====>

Please come again.

-----
Process exited after 16.96 seconds with return value 0
Press any key to continue . . .
```

CHAPTER 4

SCOPE OF PROJECT

The concept of Restaurant Menu system is basically to replace the paper-based restaurant menu using a digital device as it reduces human effort. Moreover, the digital restaurant menu is also highly beneficial for your restaurant since it will enhance entire guest experience. It also reduces the cost of maintenance as well as it also reduces human effort as due to digital restaurant menu less staff is required to run the restaurant.

CHAPTER 5

CONCLUSION

In contrast to the conventional system, the proposed restaurant menu system is time efficient and error free. This method attracts clients and also contributes to the productivity of managing the ordering and billing of the restaurant. This automated system helps them minimize the workload for the restaurant owner. The user can edit or reset the order until the order is completed.

CHAPTER 6

REFERENCES

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