CAFE

BILLING

SYSTEM

GROUP MEMBERS:

- ISHAN RAJ (202252320)

- VASANI OM (202251154)

- VEMURI SRAVAN RAM KUMAR (202252341)

- VEDULLA SAI VARDHAN (202251156)

CAFE BILLING SYSTEM

This program made using C language is based on café billing system which comprises of authentication system which includes SIGN UP and SIGN IN options, and billing system which includes MENU PAGE and BILL.

This program depicts a café (DC CAFE) which is situated in an institute. This is made such that users are categorized into STUDENTS, STAFF and OTHER who gets a discount of 10%, 20% and no discount respectively.
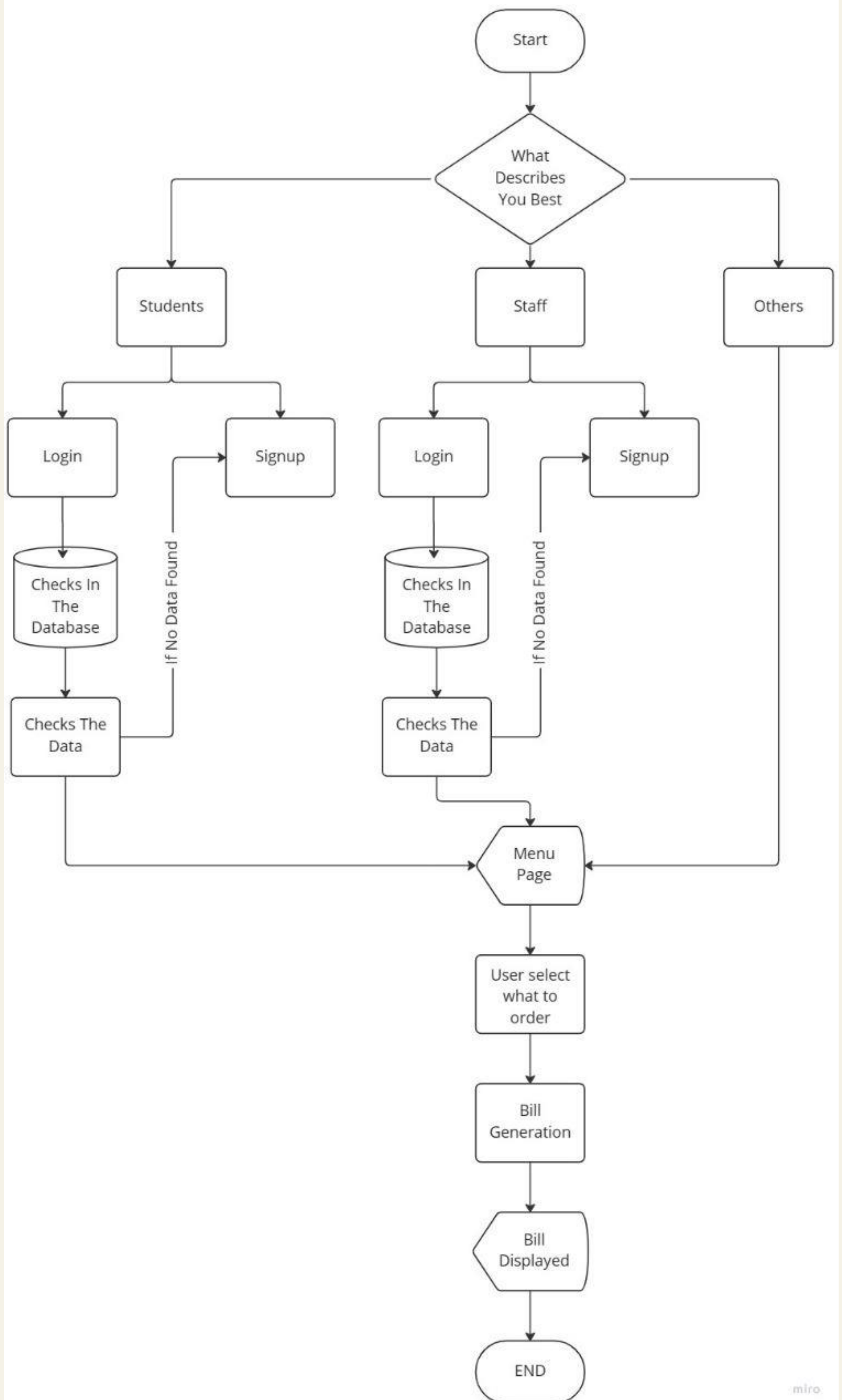
The input data of user is saved and can be reused. It also prints the receipt of items ordered by the user.

The billing process is faster, easier and user friendly

FEATURES

- Automatic calculation of tax in the bill receipt.

- Better data management.

- Easy menu setup.

- User-friendly setup.

- Quick processing speed.

- Provides unique ID for customers in billing

- Displays real time in billing.

FLOWCHART

Start

What Describes You Best

Students | Staff | Others

Login | Signup | Login | Signup

Checks In The Database | Checks In The Database

If No Data Found | If No Data Found

Checks The Data | Checks The Data

Menu Page

User select what to order

Bill Generation

Bill Displayed

END

MAIN FUNCTION

Inside main function there are signup and login systems.

In first sight user has to choose between student, staff and other.

We have used switch cases for categorizing the above. After the choice is done, the terminal is cleared using system("cls").

If the user is student or staff program asks for signup or login.

For signup user has to enter a unique username and password, if user enters the already existing username, user gets the message "User already exists! Please try another username". Then program will take the user to signup page again. Password and confirm password are shown in asterisk mode for consumer security. After signing up their data is stored in a file. If user has already signed up then user has to choose for login, for this we have used goto() which directly goes to login page after successful signup. In login system user has to enter username and password which they have entered during signup.

If username or password is incorrect user will get the message to re-enter it, for this again goto() is used to repeat the step again. after successful login we have call menupage function "MenuPage()".

MENUPAGE

Now system("cls") is used to clear the terminal

an organized menu page is displayed to the user.

menu is categorized into three divisions

1. COFFEE

2. SNACKS

3. BEVERAGES

each category has six items with their price mentioned

now user has to select which items wants to buy in each category

mentioned above.

Also the user has to mention the quantity for each items selected.

Switch case is used for the above user selected items and quantity

and calculated price are stored in "bill.txt".

BILL

Now system("cls") is used to clear out the previous data of the terminal.

Data is fetched form the "bill.txt" and is displayed in the terminal.

Total amount, CGST of 6%, SGST of 2%, and Discount of 10% for students, 20% for staff is displayed.

If user selects others than name of the customer is asked.

Total amount to be paid is calculated using CGST, SGST and Discount and is displayed to the user, and is also stored in "bill.txt".

CODE USED FOR PROGRAM

```c
C cafe.c > ⬡ main()
1   #include <stdio.h>
2   #include <string.h>
3   #include <stdlib.h>
4   #include <conio.h>
5   #include <time.h>
6
7   int pass(char *password, int t)
8   {
9       int i = 0;
10      char c;
11      if (t == 0)
12      {
13          printf("\tENTER PASSWORD   :\t");
14      }
15      else
16      {
17          printf("\n\tCONFIRM PASSWORD :\t");
18      }
19
20      while (i < 10 && (c = getch()) != '\r')
21      {
22          if (c == '\b' && i > 0)
23          {
24              printf("\b \b");
25              i--;
26          }
27          else if (c != '\b')
28          {
29              printf("*");
30              *(password + i) = c;
31              i++;
32          }
33      }
34      password[i] = '\0';
35  }
36
37  void menupage(char username[30], int differentiator)
38  {
39      system("cls");
40      fflush(stdin);
41
42      printf("\n\n\t\t\t\t\t\t------- DC CAFE WELCOMES YOU -------\n\n\n\n");
43      printf("\tItems We Serve :\n\n\n");
44
45      printf("\t\t----------------------\t\t\t----------------------\t\t\t----------------------\n\n");
46      printf("\t\t\tCOFFEE\t\t\t\t\t SNACKS\t\t\t\t\tBEVERAGES\n\n");
47      printf("\t\t----------------------\t\t\t----------------------\t\t\t----------------------\n\n");
48
49      printf("\t\t1. INSTANT COFFEE  30/-\t\t\t1. VEG. SANDWICH    70/-\t\t1. TEA              30/-\n");
50      printf("\t\t2. ESPRESSO        60/-\t\t\t2. CHEESE SANDWICH  80/-\t\t2. HOT MILK         30/-\n");
51      printf("\t\t3. LATTE           50/-\t\t\t3. VEG. BURGER     100/-\t\t3. CHOCOLATE MILK   40/-\n");
52      printf("\t\t4. MOCHA           80/-\t\t\t4. CHEESE BURGER   120/-\t\t4. MANGO MILKSHAKE  60/-\n");
53      printf("\t\t5. CAPPUCCINO      80/-\t\t\t5. FRENCH FRIES     70/-\t\t5. APPLE JUICE      50/-\n");
54      printf("\t\t6. BLACK COFFEE    50/-\t\t\t6. CHEESE NUGGETS   90/-\t\t6. ORANGE JUICE     50/-\n");
55
56      int sum = 0;
57      int qty;
58      char coffee[20];
59      FILE *bill;
60
61      bill = fopen("bill.txt", "w");
62      fprintf(bill, "\t\t\t\t\t\t\t%s           %s     %s\n", "Product", "Qty.", "Price");
63      fclose(bill);
64
65      printf("\n\n\tWhat do you want from COFFEE (For multiple orders write as : 1,2,...): \n\t");
66      fgets(coffee, 20, stdin);
67
68      coffee[strcspn(coffee, "\n")] = '\0';
69      int loopend1 = strlen(coffee);
70      for (int i = 0; i < loopend1; i += 2)
71      {
72          switch (coffee[i])
```

```c
        switch (coffee[i])
        {
    case '1':
        printf("\tEnter Quantity For INSTANT COFFEE : ");
        scanf("%d", &qty);
        sum += qty * 30;

        bill = fopen("bill.txt", "a");

        fprintf(bill, "\n\t\t\t\t\t\t%-16s  %4d     %5s\n", "Instant-Coffee", qty, "30/-");
        fclose(bill);

        break;
    case '2':
        printf("\tEnter Quantity For ESPRESSO      : ");
        scanf("%d", &qty);
        sum += qty * 60;

        bill = fopen("bill.txt", "a");

        fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Espresso", qty, "60/-");
        fclose(bill);

        break;
    case '3':
        printf("\tEnter Quantity For LATTE         : ");
        scanf("%d", &qty);
        sum += qty * 50;

        bill = fopen("bill.txt", "a");

        fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Latte", qty, "50/-");
        fclose(bill);

        break;
    case '4':
        printf("\tEnter Quantity For MOCHA         : ");
        scanf("%d", &qty);
        sum += qty * 80;

        bill = fopen("bill.txt", "a");

        fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Mocha", qty, "80/-");
        fclose(bill);

        break;
    case '5':
        printf("\tEnter Quantity For CAPPUCCINO    : ");
        scanf("%d", &qty);
        sum += qty * 80;

        bill = fopen("bill.txt", "a");

        fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Cappucino", qty, "80/-");
        fclose(bill);

        break;
    case '6':
        printf("\tEnter Quantity For BLACK COFFEE   : ");
        scanf("%d", &qty);
        sum += qty * 50;

        bill = fopen("bill.txt", "a");

        fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Black-Coffee", qty, "50/-");
        fclose(bill);

        break;

    default:
        break;
    }
```

```c
            break;
        }
    }

    fflush(stdin);

    char snacks[20];

    printf("\n\n\tWhat do you want from SNACKS (For multiple orders write as : 1,2,...) : \n\t");
    fgets(snacks, 20, stdin);

    snacks[strcspn(snacks, "\n")] = '\0';
    int loopend2 = strlen(snacks);
    for (int i = 0; i < loopend2; i += 2)
    {
        switch (snacks[i])
        {
        case '1':
            printf("\tEnter Quantity For VEG. SANDWICH   : ");
            scanf("%d", &qty);
            sum += qty * 70;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t%-16s  %4d      %5s\n", "Veg.-Sandwich", qty, "70/-");
            fclose(bill);

            break;
        case '2':
            printf("\tEnter Quantity For CHEESE SANDWICH : ");
            scanf("%d", &qty);
            sum += qty * 80;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t%-16s  %4d      %5s\n", "Cheese-Sandwich", qty, "80/-");
            fclose(bill);

            break;
        case '3':
            printf("\tEnter Quantity For VEG. BURGER     : ");
            scanf("%d", &qty);
            sum += qty * 100;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t%-16s  %4d      %5s\n", "Veg.-Burger", qty, "100/-");
            fclose(bill);

            break;
        case '4':
            printf("\tEnter Quantity For CHEESE BURGER   : ");
            scanf("%d", &qty);
            sum += qty * 120;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t%-16s  %4d      %5s\n", "Cheese-Burger", qty, "120/-");
            fclose(bill);

            break;
        case '5':
            printf("\tEnter Quantity For FRENCH FRIES    : ");
            scanf("%d", &qty);
            sum += qty * 70;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t%-16s  %4d      %5s\n", "French-Fries", qty, "70/-");
            fclose(bill);

            break;
```

```c
        case '6':
            printf("\tEnter Quantity For CHEESE NUGGETS  : ");
            scanf("%d", &qty);
            sum += qty * 90;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t\t%-16s  %4d     %5s\n", "Cheese-Nuggets", qty, "90/-");
            fclose(bill);

            break;

        default:
            break;
        }
    }

    char beverages[20];
    fflush(stdin);

    printf("\n\n\tWhat do you want from BEVERAGES (For multiple orders write as : 1,2,...) : \n\t");
    fgets(beverages, 20, stdin);

    beverages[strcspn(beverages, "\n")] = '\0';
    int loopend3 = strlen(beverages);
    for (int i = 0; i < loopend3; i += 2)
    {
        switch (beverages[i])
        {
        case '1':
            printf("\tEnter Quantity For TEA             : ");
            scanf("%d", &qty);
            sum += qty * 30;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t\t%-16s  %4d     %5s\n", "Tea", qty, "30/-");
            fclose(bill);

            break;
        case '2':
            printf("\tEnter Quantity For HOT MILK        : ");
            scanf("%d", &qty);
            sum += qty * 30;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t\t%-16s  %4d     %5s\n", "Hot-Milk", qty, "30/-");
            fclose(bill);

            break;
        case '3':
            printf("\tEnter Quantity For CHOCOLATE MILK  : ");
            scanf("%d", &qty);
            sum += qty * 40;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t\t%-16s  %4d     %5s\n", "Chocolate-Milk", qty, "40/-");
            fclose(bill);

            break;
        case '4':
            printf("\tEnter Quantity For MANGO MILKSHAKE : ");
            scanf("%d", &qty);
            sum += qty * 60;

            bill = fopen("bill.txt", "a");

            fprintf(bill, "\t\t\t\t\t\t\t%-16s  %4d     %5s\n", "Mango-Milkshake", qty, "60/-");
            fclose(bill);
```

```c
                    fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Mango-Milkshake", qty, "60/-");
                    fclose(bill);

                    break;
            case '5':
                    printf("\tEnter Quantity For APPLE JUICE     : ");
                    scanf("%d", &qty);
                    sum += qty * 50;

                    bill = fopen("bill.txt", "a");

                    fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Apple-Juice", qty, "50/-");
                    fclose(bill);

                    break;
            case '6':
                    printf("\tEnter Quantity For ORANGE JUICE    : ");
                    scanf("%d", &qty);
                    sum += qty * 50;

                    bill = fopen("bill.txt", "a");

                    fprintf(bill, "\t\t\t\t\t\t%-16s  %4d     %5s\n", "Orange-Juice", qty, "50/-");
                    fclose(bill);

                    break;

            default:
                    break;
            }
        }
        bill = fopen("bill.txt", "a");

        fprintf(bill, "\n\t\t\t\t\t\t-----------------------------------\n\n");
        fprintf(bill, "\n\n%56sTOTAL AMOUNT             : %d\n", " ", sum);
        fprintf(bill, "%56sCGST                     : %s \n", " ", "6%");
        fprintf(bill, "%56sSGST                     : %s \n", " ", "2%");

        if (differentiator == 0)
        {
            fprintf(bill, "%56sDISCOUNT                 : %s\n", " ", "10%");
            fprintf(bill, "%56sTOTAL AMOUNT TO BE PAID : %0.3f\n\n\n", " ", sum - (sum * 0.020));
        }
        else if (differentiator == 1)
        {
            fprintf(bill, "%56sDISCOUNT                 : %s\n", " ", "20%");
            fprintf(bill, "%56sTOTAL AMOUNT TO BE PAID : %0.3f\n\n\n", " ", sum - (sum * 0.120));
        }
        else
        {
            fprintf(bill, "\n");
            fprintf(bill, "%56sTOTAL AMOUNT TO BE PAID : %0.3f\n\n\n", " ", sum + (sum * 0.080));
        }

        fprintf(bill, "\t\t\t\t\t\t-----------VISIT AGAIN-----------\n\n");

        fclose(bill);
        printf("%d", sum);
        system("cls");

        printf("\t\t\t\t\t\t-----------------------------------\n\n");
        printf("\t\t\t\t\t\t     RECEIPT\n\n");
        printf("\t\t\t\t\t\t-----------------------------------\n\n");

        time_t now = time(NULL);
        struct tm *local_time = localtime(&now);

        char time_str[100];
        strftime(time_str, sizeof(time_str), "%Y-%m-%d %H:%M:%S", local_time);

        printf("\t\t\t\t\t\t%s\n", time_str);
```

```c
        int abcdef = rand();
        printf("\t\t\t\t\t\t\tORDER ID : %d \n", abcdef);
        printf("\t\t\t\t\t\t\tName     : %s", username);
        printf("\n\n\t\t\t\t\t\t------- Order Details ---------\n\n\n");

        char product[20], quantity[20], price[20];

        bill = fopen("bill.txt", "r");

        int c;
        if (bill)
        {
            c = fgetc(bill);
            while (c != EOF)
            {
                printf("%c", c);
                c = fgetc(bill);
            }
            fclose(bill);
        }
        getch();
}

struct user
{
    char username[30];
    char password[20];
    char confirmpassword[20];
};

int main()
{
    system("mode 650");
    system("color 70");

    homepage:;

    printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
    printf("\tWhat describes you best : \n\n\n");
    printf("\t1. Student\t\t\t2. Staff\t\t\t3. Others \n");
    int choiceh;
    printf("\n\n\tChoose an option :  ");
    scanf("%d", &choiceh);

    system("cls");

    switch (choiceh)
    {
    case 1:

        goto Target;
    Target:;

        struct user p;
        printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
        printf("\t\t\t1.Sign up\n");
        printf("\t\t\t2.Sign in\n");
        printf("\t\t\t3.Exit\n\n");
        printf("\tChoose an option :\t");

        int choicel1;
        scanf("%d", &choicel1);

        switch (choicel1)
        {
        case 1:
        badwriter:;
        takeanother:;
            system("cls");
            fflush(stdin);
            printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
```

```c
                    printf("\n\n\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
                    printf("\t\t\n\tENTER USERNAME   :\t");
                    fgets(p.username, 30, stdin);
                    p.username[strcspn(p.username, "\n")] = '\0';

                    FILE *store;
                    store = fopen("data.txt", "a");
                    char *signupstudp = &p.password[0];
                    pass(signupstudp, 0);

                    char *signupstudcp = &p.confirmpassword[0];
                    pass(signupstudcp, 1);

                    if (strcmp(p.password, p.confirmpassword) != 0)
                    {
                        printf("\n\n\tPassword and Confirm Password didn't match! Press ENTER key to retry");
                        getch();
                        goto badwriter;
                    }

                    FILE *readin1;
                    readin1 = fopen("data.txt", "r");
                    int z = 0;
                    struct user s;

                    while (!feof(readin1))
                    {
                        fscanf(readin1, "%s%s", s.username, s.password);
                        if (strcmp(s.username, p.username) == 0)
                        {
                            printf("\n\n\tUser already exists! Please try another username.");
                            getch();
                            goto takeanother;
                            z++;
                            break;
                        }
                    }
                    if (z == 0)
                    {
                        fprintf(store, "\n %s\t\t%s ", p.username, p.password);
                        fclose(store);
                    }

                    printf("\n\n\n\n\tUSER SUCCESSFULLY SIGNED UP !");
                    printf("\n\n\tPress ENTER key to Login");
                    getch();
                    goto almond;

                case 2:
                almond:;
                    system("cls");
                    struct user q;
                    fflush(stdin);
                    printf("\n\n\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
                    printf("\t\t\n\tENTER USERNAME   :\t");
                    fgets(q.username, 30, stdin);
                    q.username[strcspn(q.username, "\n")] = '\0';

                    FILE *read;
                    read = fopen("data.txt", "r");

                    struct user r;
                    int t = 0;

                    char *loginstudcp = &q.password[0];
                    pass(loginstudcp, 0);

                    while (!feof(read))
                    {
                        fscanf(read, "%s%s", r.username, r.password);
                        if (strcmp(r.username, q.username) == 0)
                        {
```

```c
                        if (strcmp(r.username, q.username) == 0)
                        {
                            if (strcmp(r.password, q.password) == 0)
                            {
                                menupage(q.username, 0);
                                t++;
                                break;
                            }
                        }
                    }
                    if (t != 1)
                    {
                        printf("\n\n\tIncorrect Username Or Password!");
                        getch();
                        goto almond;
                    }

            case 3:
                system("cls");
                goto homepage;

            default:
            printf("\n\n\n\n\t\tInvalid input! Please choose a valid option\n\t\tPress ENTER key to continue.");
            getch();
            system("cls");
            goto Target;
            }

            break;

        case 2:

            goto Target2;
        Target2:;

            struct user p2;
            printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
            printf("\t\t\t1.Sign Up\n");
            printf("\t\t\t2.Sign In\n");
            printf("\t\t\t3.Exit\n\n");
            printf("\tSelect an option\t");

            int choicel2;
            scanf("%d", &choicel2);

            switch (choicel2)
            {
            case 1:
            badwriter2:;
            takeanother2:;
                system("cls");
                fflush(stdin);
                printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
                printf("\t\t\n\tENTER USERNAME  :\t");
                fgets(p2.username, 30, stdin);
                p2.username[strcspn(p2.username, "\n")] = '\0';

                FILE *store2;
                store2 = fopen("data.txt", "a");

                char *signupprofp = &p2.password[0];
                pass(signupprofp, 0);

                char *signupprofcp = &p2.confirmpassword[0];
                pass(signupprofcp, 1);

                if (strcmp(p2.password, p2.confirmpassword) != 0)
                {
                    printf("\n\n\tPassword and Confirm Password didn't match! Press ENTER key to retry");
                    getch();
                    goto badwriter2;
                }
```

```c
        FILE *readin12;
        readin12 = fopen("data.txt", "r");

        struct user s2;

        while (!feof(readin12))
        {
            fscanf(readin12, "%s%s", s2.username, s2.password);
            if (strcmp(s2.username, p2.username) == 0)
            {
                printf("\n\n\tUser already exists! Please try another username.");
                getch();
                goto takeanother2;
                break;
            }
        }

        fprintf(store2, "\n %s\t\t%s ", p2.username, p2.password);
        fclose(store2);

        printf("\n\n\n\n\tUSER SUCCESSFULLY SIGNED UP !");
        printf("\n\n\tPress ENTER key to Login");
        getch();
        goto almond2;

        break;
    case 2:
    almond2:;
        system("cls");
        struct user q2;
        fflush(stdin);
        printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
        printf("\t\t\n\tENTER USERNAME  :\t");
        fgets(q2.username, 30, stdin);
        q2.username[strcspn(q2.username, "\n")] = '\0';

        FILE *read2;
        read2 = fopen("data.txt", "r");

        char *loginprofp = &q2.password[0];
        pass(loginprofp, 0);

        struct user r2;
        int t = 0;

        while (!feof(read2))
        {

            fscanf(read2, "%s%s", r2.username, r2.password);
            if (strcmp(r2.username, q2.username) == 0)
            {
                if (strcmp(r2.password, q2.password) == 0)
                {
                    menupage(q2.username, 1);
                    t++;
                    break;
                }
            }
        }
        if (t != 1)
        {
            printf("\n\n\tIncorrect Username Or Password!");
            getch();
            goto almond2;
        }
    case 3:
        system("cls");
        goto homepage;

    default:
    printf("\n\n\n\n\t\tInvalid input! Please choose a valid option\n\t\tPress ENTER key to continue.");
```

```c
            while (!feof(read2))
            {

                fscanf(read2, "%s%s", r2.username, r2.password);
                if (strcmp(r2.username, q2.username) == 0)
                {
                    if (strcmp(r2.password, q2.password) == 0)
                    {
                        menupage(q2.username, 1);
                        t++;
                        break;
                    }
                }
            }
            if (t != 1)
            {
                printf("\n\n\tIncorrect Username Or Password!");
                getch();
                goto almond2;
            }
        case 3:
            system("cls");
            goto homepage;

        default:
        printf("\n\n\n\n\t\tInvalid input! Please choose a valid option\n\t\tPress ENTER key to continue.");
        getch();
        system("cls");
        goto Target2;
        }

        break;

    case 3:

        goto Target3;
    Target3:;

        fflush(stdin);

        char othername[50];
        printf("\n\n\t\t\t\t\t------ Welcome to the DC cafe ------\n\n\n\n");
        printf("\n\n\n\t\t\tEnter Your Name : ");
        fgets(othername, 50, stdin);
        othername[strcspn(othername, "\n")] = '\0';

        menupage(othername, 3);
        break;

    default:
        printf("\n\n\n\n\t\tInvalid input! Please choose a valid option\n\t\tPress ENTER key to continue.");
        getch();
        system("cls");
        goto homepage;
    }
}
```

OUTPUT

```
------ Welcome to the DC cafe ------


What describes you best :

1. Student                   2. Staff                   3. Others

Choose an option :  1
```

```
------ Welcome to the DC cafe ------


            1.Sign up
            2.Sign in
            3.Exit

Choose an option :     1
```

OUTPUT

------ Welcome to the DC cafe ------

ENTER USERNAME   :   Decode_code
ENTER PASSWORD   :   ********
CONFIRM PASSWORD :   ********

USER SUCCESSFULLY SIGNED UP !

Press ENTER key to Login

------- DC CAFE WELCOMES YOU -------

Items We Serve :

    ------------------------   ------------------------   ------------------------

            COFFEE   SNACKS   BEVERAGES

    ------------------------   ------------------------   ------------------------

    1. INSTANT COFFEE 30/-   1. VEG. SANDWICH   70/-   1. TEA   30/-
    2. ESPRESSO   60/-   2. CHEESE SANDWICH 80/-   2. HOT MILK   30/-
    3. LATTE   50/-   3. VEG. BURGER   100/-   3. CHOCOLATE MILK 40/-
    4. MOCHA   80/-   4. CHEESE BURGER   120/-   4. MANGO MILKSHAKE 60/-
    5. CAPPUCCINO   80/-   5. FRENCH FRIES   70/-   5. APPLE JUICE   50/-
    6. BLACK COFFEE   50/-   6. CHEESE NUGGETS   90/-   6. ORANGE JUICE   50/-

What do you want from COFFEE (For multiple orders write as : 1,2,...):
1 6
Enter Quantity For INSTANT COFFEE : 1
Enter Quantity For BLACK COFFEE   : 2

What do you want from SNACKS (For multiple orders write as : 1,2,...) :
2 5
Enter Quantity For CHEESE SANDWICH : 3
Enter Quantity For FRENCH FRIES   : 4

What do you want from BEVERAGES (For multiple orders write as : 1,2,...) :
3 4
Enter Quantity For CHOCOLATE MILK : 5
Enter Quantity For MANGO MILKSHAKE : 6

OUTPUT

```
--------------------------------
            RECEIPT

--------------------------------

2023-02-26 15:24:38
ORDER ID : 18467
Name     : Decode_code

-------- Order Details ---------


Product          Qty.     Price

Instant-Coffee     1       30/-
Black-Coffee       2       50/-
Cheese-Sandwich    3       80/-
French-Fries       4       70/-
Chocolate-Milk     5       40/-
Mango-Milkshake    6       60/-


--------------------------------



TOTAL AMOUNT          : 1210
CGST                  : 6%
SGST                  : 2%
DISCOUNT              : 10%
TOTAL AMOUNT TO BE PAID : 1185.800


-----------VISIT AGAIN-----------
```

REFERENCES

goto statement :-

https://youtu.be/AWUxfROdzPc

system(**"COLOR"**) :-

https://youtu.be/IOHhUDDZaRk

time function :-

https://www.geeksforgeeks.org/c-programprint-digital-clock-current-time/

pass function :-

https://www.youtube.com/watch?v=xtk14TcWaN4&ab_channel=ADV.LEARNING

THANK YOU

- DECODE CODE