



**National University**  
of computer and emerging sciences

## **PF PROJECT REPORT**

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### **Introduction:-**

Our project is a system in C language designed to provide restaurant reservations as well as food delivery services to people. Consider it a food panda like app.

### **Methods:**

The methods used include:

- Functions
- Structures
- File Pointers
- Strings
- Structural arrays
- Switch statements
- Conditional statements

## **Functionalities:**

Some functionalities of our program include:

- Login Function
- Signup Function
- Search function
- Review + filing feature
- Different procedures of Dine In/Take-Away/Delivery features
- Complete Menu of features
- Multiple restaurant options
- Billing function
- Different methods of payment

## **User:**

- General Audience
- Students

## **Code:**

```
#include<stdio.h>

#include<windows.h>

#include<stdlib.h>

#include<unistd.h>

#include<string.h>

#include<conio.h>

void payment();

void search ();

void biryani ();

void nihari ();

void karahi ();
```

```
void chicken_tikka ();
void beef_tikka ();
void beef_burger ();
void zinger_burger ();
void chicken_burger ();
void cheese_ham ();
void pizza_lar ();
void pizza_sml ();
void fish_n_chips ();
void fried_fish ();
void prawns ();
void grilled_fish ();
void spag_nood ();
void wonton ();
void soup ();
void chowmein ();
void dumplings ();
void bill (int);
void review(int);
struct file_data{
    char resturant[35];
    int price;
}y[135];
struct bills {
    char item[20];
    int tot;
}x[20];
```

```

struct revname{
    char name[30];
}z;
int i=1;
//void gotoxy(short a, short b); //function declaration
void gotoxy(short a, short b) //Custom gotoxy() function
{
    COORD coordinates; //Data type of co-ordinates
    coordinates.X = a; //Assign value to X- Co-ordinate
    coordinates.Y = b; //Assign value to Y Co-ordinate

    SetConsoleCursorPosition(
        GetStdHandle(STD_OUTPUT_HANDLE), coordinates);

}

void signup(){
    char em[50],pin[30],email[50];
    FILE *ptr;
    ptr=fopen("abc.txt","a+");
    b:
    gotoxy(20,7);
    printf ("Enter your email=");
    fflush(stdin);
    gets(email);
    while(!feof(ptr)){
        fscanf(ptr,"%s",em);
        if((strcmp(em,email))==0){

```

```

        gotoxy(20,8);
        printf ("This email already exists.Please make another one\n");
        sleep(2);
        system("cls");
        goto b;
    }
}

gotoxy(20,8);
printf("Enter your passcode=");
gets(pin);
fprintf (ptr,"\n%s\n%s",email,pin);
gotoxy(20,8);
printf ("\nSuccesfully recorded");
strcpy(z.name,email);
fclose(ptr);
}

void login(){
    char email[50],em[50],pin[30],pinv[50];
    email:
    sleep(1);
    system("cls");
    int code=0;
    gotoxy(20,5);
    printf ("Enter your email: ");
    fflush(stdin);
    gets(email);
    FILE *ptr;

```

```
ptr=fopen("abc.txt","a+");
while(!feof(ptr)){
    fscanf (ptr,"%s",em);
if((strcmp(em,email))==0){
    code=1;
    gotoxy(20,6);
    printf ("Enter your passcode: ");
    gets(pin);
    fscanf (ptr,"%s",pinv);
    if((strcmp(pin,pinv))==0){
        gotoxy(20,8);
        printf ("Succesfully signed in");
        strcpy(z.name,email);
        fclose(ptr);
        sleep(1);
        break;}
    else{
        pin:
        gotoxy(20,7);
        printf ("wrong passcode.Please enter again");
        sleep(2);
        system("cls");
        gotoxy(20,5);
        printf ("Enter your email: %s\n",email);
        gotoxy(20,6);
        printf ("Enter your passcode: ");
        gets(pin);
```

```

        if((strcmp(pin,pinv))==0){
            gotoxy(20,8);
            printf ("Succesfully signed in");
            fclose(ptr);
            sleep(1);
                break;}

        else
            goto pin;
        }

    }

}

if(code!=1){
    gotoxy(21,7);
    printf ("No such email found");
    gotoxy(20,8);
    printf ("Please Enter your email again");
    goto email;
}

}

void redirect(void){

system("CLS");printf("Redirecting.");sleep(1);system("CLS");printf("Redirecting..");sleep(1);system("CLS");printf("Redirecting...");sleep(1);system("CLS");

}

void close(void)

{

```

```
printf("\n\n\nPROJECT BY Daniyal(22k-4601), Ahmed Abdullah(22k-4449) and Anas  
Ahmed(22k-4154)\n");
```

```
exit(1);
```

```
}
```

```
main(){
```

```
    int ag, an1, ag1, lans,laag,ans;
```

```
    char email[100];
```

```
    ag:
```

```
    gotoxy(30,4);
```

```
    printf("Welcome to FIGZZ\n");
```

```
    gotoxy(20,8);
```

```
    sleep(1);system("color A");printf("Select from below:");
```

```
    gotoxy(20,9);printf("1.Sign up");gotoxy(20,10);printf("2.Login\n");
```

```
    gotoxy(20,11);
```

```
    scanf("%d", &an1);
```

```
    system("cls");
```

```
    if(an1==1)signup();
```

```
    else if(an1==2)login();
```

```
    else {
```

```
        printf("Wrong choice! Select again ");
```

```
        sleep(1);
```

```
        system("cls");
```

```
        goto ag;
```

```
    }
```

```
    ag1:
```

```
    system("cls");
```

```
    printf ("loading| | | | \nplease wait.");sleep(1);system("cls");printf  
("loading| | | | | \nplease wait..");sleep(1);system("cls");printf
```



```

("loading||||||||||||||||\nplease wait...");sleep(1);system("cls");printf ("loading
completed\nThanks for waiting :)");sleep(1);

    system("cls");

    gotoxy(0,0);

    printf("    We offer
these:\n=====
2.Take Away    3.Delivery\n");

    scanf("%d", &ans);

    system("CLS");

    if(ans==1){printf("You have selected Dine-IN");sleep(1);redirect();}

    else if (ans==2){printf("You have selected Take Away");sleep(1);redirect();}

    else if (ans==3){printf("You have selected Delivery");sleep(1);redirect();}

    else{printf("We have no such option. Please choose another
one.");sleep(1);system("CLS");goto ag;}

FILE *f1ptr;

    FILE *f2ptr;


    f1ptr = fopen("1.txt","r");
    f2ptr = fopen("2.txt","r");


    for (int k=0;k<135;k++){

        fgets(y[k].resturant,35,f1ptr);

    }


    for (int k=0;k<135;k++){

        fscanf(f2ptr,"%d",&y[k].price);

    }

```

```

        fclose(f1ptr);

        fclose(f2ptr);

        food:

        system("cls");

    int a;

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

    printf(" 1-[Desi Foods] 2-[Fast Food] 3-[Sea Food] 4-[Chinese Food]\\n 5-[Print BILL!!] 6-
[Search] 7-[Reviews]\\n");

    printf(" enter choice: ");

    int b;

    scanf("%d",&b);

    system("cls");

    switch (b){

        case 1:

            printf("                Menu\\n-----
-----\\n\\n ");

            printf("\\n 1-biryani\\n 2-nihari\\n 3-karahi\\n 4-chicken tikka\\n 5-beef tikka\\n");

            printf("\\n**choose option: ");

            scanf("%d",&a);

            system("cls");

            printf("                Available resturants");

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

        switch (a){

            case 1:

                biryani();

```

```

        printf("\nwant to buy something more? (y/n) :");
char more;
scanf(" %c",&more);
if (more=='y'){
    system("cls");
    i++;
    goto food;
}
else{
    system("cls");
    printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");
    bill(ans);
}
break;
case 2:
    nihari();
    printf("\nwant to buy something more? (y/n) :");
scanf(" %c",&more);
if (more=='y'){
    system("cls");
    i++;
    goto food;
}
else{
    system("cls");

```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
    break;
```

```
    case 3:
```

```
        karahi();
```

```
        printf("\nwant to buy something more? (y/n) :");
```

```
scanf(" %c",&more);
```

```
if (more=='y'){
```

```
    system("cls");
```

```
    i++;
```

```
    goto food;
```

```
}
```

```
else{
```

```
    system("cls");
```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
    break;
```

```
    case 4:
```

```
        chicken_tikka();
```

```
        printf("\nwant to buy something more? (y/n) :");
```

```
scanf(" %c",&more);
```

```
if (more=='y'){
```

```

        system("cls");

        i++;

        goto food;
    }

    else{

        system("cls");

        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

        bill(ans);

    }

        break;

    case 5:

        beef_tikka();

        printf("\nwant to buy something more? (y/n) :");

scanf(" %c",&more);

    if (more=='y'){

        system("cls");

        i++;

        goto food;

    }

    else{

        system("cls");

        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

        bill(ans);

    }

```

```

        break;
    }
    break;

case 2:

    printf("                Menu\n-----\n\n ");

    printf("1-beef burger\n 2-zinger burger\n 3-chicken burger\n 4-cheese\n burger\hamburger\n 5-pizza large\n 6-pizza small\n");

    printf("\n**choose option: ");

    scanf("%d",&a);

    system("cls");

    printf("                Available resturants");

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

    switch (a){

        case 1:

            beef_burger();

            printf("\nwant to buy something more? (y/n) :");

            char more;

            scanf(" %c",&more);

            if (more=='y'){

                system("cls");

                i++;

                goto food;

            }

            else{

                system("cls");

```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
        break;
```

```
case 2:
```

```
    zinger_burger();
```

```
    printf("\nwant to buy something more? (y/n) :");
```

```
    scanf(" %c",&more);
```

```
    if (more=='y'){
```

```
        system("cls");
```

```
        i++;
```

```
        goto food;
```

```
    }
```

```
    else{
```

```
        system("cls");
```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
        break;
```

```
case 3:
```

```
    chicken_burger();
```

```
    printf("\nwant to buy something more? (y/n) :");
```

```
    scanf(" %c",&more);
```

```

        if (more=='y'){
            system("cls");

            i++;

            goto food;
        }
        else{
            system("cls");

            printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

            bill(ans);
        }

        break;
    case 4:

        cheese_ham();

        printf("\nwant to buy something more? (y/n) :");

scanf(" %c",&more);
        if (more=='y'){
            system("cls");

            i++;

            goto food;
        }
        else{
            system("cls");

            printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

```



```

        bill(ans);
    }

        break;

    case 5:

        pizza_lar();

        printf("\nwant to buy something more? (y/n) :");

scanf(" %c",&more);

    if (more=='y'){

        system("cls");

        i++;

        goto food;

    }

    else{

        system("cls");

        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

        bill(ans);

    }

        break;

    case 6:

        pizza_sml();

        printf("\nwant to buy something more? (y/n) :");

scanf(" %c",&more);

    if (more=='y'){

        system("cls");

```

```

        i++;

        goto food;

    }

    else{

        system("cls");

        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

        bill(ans);

    }

        break;

    }

    break;

    case 3:

        printf("                Menu\n-----\n\n ");

        printf("\n 1-fish n chips\n 2-fried fish\n 3-prawns\n 4-grilled fish\n");

        printf("\n**choose option: ");

        scanf("%d",&a);

        system("cls");

        printf("                Available resturants");

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

        switch (a){

            case 1:

                fish_n_chips();

                printf("\nwant to buy something more? (y/n) :");

                char more;

```

```

scanf(" %c",&more);
if (more=='y'){
    system("cls");
    i++;
    goto food;
}
else{
    system("cls");
    printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");
    bill(ans);
}
break;
case 2:
    fried_fish();
    printf("\nwant to buy something more? (y/n) :");

```

```

scanf(" %c",&more);

```

```

if (more=='y'){

```

```

    system("cls");

```

```

    i++;

```

```

    goto food;

```

```

}

```

```

else{

```

```

    system("cls");

```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
        break;
```

```
case 3:
```

```
        prawns();
```

```
        printf("\nwant to buy something more? (y/n) :");
```

```
scanf(" %c",&more);
```

```
if (more=='y'){
```

```
        system("cls");
```

```
        i++;
```

```
        goto food;
```

```
    }
```

```
else{
```

```
        system("cls");
```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
        break;
```

```
case 4:
```

```
        grilled_fish();
```

```
        printf("\nwant to buy something more? (y/n) :");
```

```

scanf(" %c",&more);
if (more=='y'){
    system("cls");
    i++;
    goto food;
}
else{
    system("cls");
    printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");
    bill(ans);
}
    break;
}
    break;
case 4:
    printf("                Menu\n-----\n\n");
    printf("\n 1-spaghetti/noodles\n 2-wonton\n 3-soup\n 4-chowmein\n 5-
dumplings\n");
    printf("\n**choose option: ");
    scanf("%d",&a);
    system("cls");
    printf("                Available resturants");

printf("\n=====
=====
\n");
switch (a){

```

```

        case 1:
            spag_nood();
            printf("\nwant to buy something more? (y/n) :");

char more;
scanf(" %c",&more);
if (more=='y'){
    system("cls");
    i++;
    goto food;
}
else{
    system("cls");
    printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");
    bill(ans);
}

        break;

case 2:
    wonton();
    printf("\nwant to buy something more? (y/n) :");

scanf(" %c",&more);
if (more=='y'){
    system("cls");
    i++;
    goto food;
}

```

```

        else{
            system("cls");

            printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

            bill(ans);
        }

        break;

    case 3:

        soup();

        printf("\nwant to buy something more? (y/n) :");

scanf(" %c",&more);
    if (more=='y'){
        system("cls");

        i++;

        goto food;
    }
    else{
        system("cls");

        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please
wait.....");system("cls");

        bill(ans);
    }

        break;

    case 4:

        chowmein();

```

```
printf("\nwant to buy something more? (y/n) :");
```

```
scanf(" %c",&more);
```

```
if (more=='y'){
```

```
    system("cls");
```

```
    i++;
```

```
    goto food;
```

```
}
```

```
else{
```

```
    system("cls");
```

```
    printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
    bill(ans);
```

```
}
```

```
    break;
```

```
case 5:
```

```
    dumplings();
```

```
printf("\nwant to buy something more? (y/n) :");
```

```
scanf(" %c",&more);
```

```
if (more=='y'){
```

```
    system("cls");
```

```
    i++;
```

```
    goto food;
```

```
}
```

```
else{
```

```
    system("cls");
```



```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
        break;
```

```
    }
```

```
        break;
```

```
case 5:
```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
        break;
```

```
case 6:
```

```
    search();
```

```
        printf("\nwant to buy something more? (y/n) :");
```

```
char more;
```

```
scanf(" %c",&more);
```

```
if (more=='y'){
```

```
    system("cls");
```

```
    i++;
```

```
    goto food;
```

```
}
```

```
else{
```

```
    system("cls");
```

```
        printf ("Printing you bill\n.please wait...");sleep(1);system("cls");printf  
("Printing you bill\n.please wait.....");sleep(1);system("cls");printf ("Printing you bill\n.please  
wait.....");system("cls");
```

```
        bill(ans);
```

```
    }
```

```
    case 7:
```

```
        int coder=0;
```

```
        review(coder);
```

```
        goto food;
```

```
    }
```

```
}
```

```
void biryani (void){
```

```
    int c;
```

```
    for(int j=0;j<=8;j++){
```

```
        printf(" %s",y[j].resturant);
```

```
    }
```

```
    scanf("%d",&c);
```

```
    x[i].tot=y[c-1].price;
```

```
    strcpy(x[i].item,"biryani");
```

```
}
```

```
void nihari (void){
```

```
    int c;
```

```
    for(int j=9;j<=13;j++){
```

```
        printf(" %s",y[j].resturant);
```

```
    }
```

```
    scanf("%d",&c);
```

```
    x[i].tot=y[8+c].price;
```

```

        strcpy(x[i].item,"nihari");
    }

    void karahi (void){
        int c;
        for(int j=14;j<=21;j++){
            printf(" %s",y[j].resturant);
        }
        scanf("%d",&c);
        x[i].tot=y[13+c].price;
        strcpy(x[i].item,"karahi");

    }

    void  chicken_tikka (void){
        int c;
        for(int j=22;j<=29;j++){
            printf(" %s",y[j].resturant);
        }
        scanf("%d",&c);
        x[i].tot=y[21+c].price;
        strcpy(x[i].item,"chicken tikka");

    }

    void beef_tikka (void){
        int c;
        for(int j=30;j<=37;j++){
            printf(" %s",y[j].resturant);
        }
    }

```

```

scanf("%d",&c);
x[i].tot=y[29+c].price;
    strcpy(x[i].item,"beef tikka");

}

void beef_burger (void){
    int c;
    for(int j=38;j<=46;j++){
        printf(" %s",y[j].resturant);
    }
scanf("%d",&c);
x[i].tot=y[37+c].price;
    strcpy(x[i].item,"beef burger");

}

void zinger_burger (void){
    int c;
    for(int j=47;j<=55;j++){
        printf(" %s",y[j].resturant);
    }
scanf("%d",&c);
x[i].tot=y[46+c].price;
    strcpy(x[i].item,"zinger burger");

}

void chicken_burger (void){
    int c;

```

```

        for(int j=56;j<=64;j++){
            printf(" %s",y[j].resturant);
        }
scanf("%d",&c);
x[i].tot=y[55+c].price;
        strcpy(x[i].item,"chicken burger");

}

void cheese_ham (void){
    int c;
    for(int j=65;j<=73;j++){
        printf(" %s",y[j].resturant);
    }
scanf("%d",&c);
x[i].tot=y[64+c].price;
        strcpy(x[i].item,"cheez/ham burger");

}

void pizza_lar (void){
    int c;
    for(int j=74;j<=81;j++){
        printf(" %s",y[j].resturant);
    }
scanf("%d",&c);
x[i].tot=y[73+c].price;
        strcpy(x[i].item,"large pizza");

```

```
}  
void pizza_sml (void){  
    int c;  
    for(int j=82;j<=89;j++){  
        printf(" %s",y[j].resturant);  
    }  
    scanf("%d",&c);  
    x[i].tot=y[81+c].price;  
    strcpy(x[i].item,"small pizza");  
}
```

```
}  
void fish_n_chips (void){  
    int c;  
    for(int j=90;j<=93;j++){  
        printf(" %s",y[j].resturant);  
    }  
    scanf("%d",&c);  
    x[i].tot=y[89+c].price;  
    strcpy(x[i].item,"fish n chips");  
}
```

```
}  
void fried_fish (void){  
    int c;  
    for(int j=94;j<=98;j++){  
        printf(" %s",y[j].resturant);  
    }  
    x[i].tot=y[93+c].price;
```

```

        strcpy(x[i].item,"fried fish");

    }

    void prawns (void){
        int c;

        for(int j=99;j<=103;j++){
            printf(" %s",y[j].resturant);

        }

        scanf("%d",&c);
        x[i].tot=y[98+c].price;
        strcpy(x[i].item,"prawns");

    }

    void grilled_fish (){
        int c;

        for(int j=104;j<=109;j++){
            printf(" %s",y[j].resturant);

        }

        scanf("%d",&c);
        x[i].tot=y[103+c].price;
        strcpy(x[i].item,"grilled fish");

    }

    void spag_nood (void){
        int c;

        for(int j=110;j<=114;j++){
            printf(" %s",y[j].resturant);

```

```

    }
    scanf("%d",&c);
    x[i].tot=y[109+c].price;
    strcpy(x[i].item,"spaghetti/noodles");

}

```

```

void wonton (void){
    int c;
    for(int j=115;j<=119;j++){
        printf(" %s",y[j].resturant);
    }
    scanf("%d",&c);
    x[i].tot=y[114+c].price;
    strcpy(x[i].item,"wonton");

}

```

```

void soup (void){
    int c;
    for(int j=120;j<=124;j++){
        printf(" %s",y[j].resturant);
    }
    scanf("%d",&c);
    x[i].tot=y[119+c].price;
    strcpy(x[i].item,"soup");

}

```

```

void chowmein (void){

```



```

        int c;
        for(int j=125;j<=129;j++){
            printf(" %s",y[j].resturant);
        }
scanf("%d",&c);
x[i].tot=y[124+c].price;
        strcpy(x[i].item,"chowmein");

}

void dumplings (void){
    int c;
    for(int j=130;j<=134;j++){
        printf(" %s",y[j].resturant);
    }
scanf("%d",&c);
x[i].tot=y[129+c].price;
        strcpy(x[i].item,"dumplings");
}

void bill (int choice){
    system("cls");
    printf("
                                BILL
\n=====\\n");

    int j,total=0;
    for (j=1;j<=i;j++){
        printf("\\n product %d : %s \\n price of %d : %d Rs",j,x[j].item,j,x[j].tot);
        total=total+x[j].tot;
    }
}

```

```
printf("\n-----");
printf("\n Total : %d Rs\n",total);
if(total>500){
    printf ("Do you have any discount coupon(y for yes): ");
    char coup;
    fflush(stdin);
    scanf ("%c",&coup);
    if(coup=='y'){
        printf ("\nPlease enter discount coupon code: ");
        char discount[10];
        scanf ("%s" ,&discount);
        char coupon[]="pf1234";
        if((strcmp(discount,coupon))==0){
            total=total-((total*40)/100);
            printf ("\nCoupon applied,\n Your new bill is %d" ,total);
        }
    }
}
if(choice==1){
    printf ("\nYou had selected Dine-in\nPlease enter time at which you would arrive
so that we can book a table for you\n");
    sleep(1);
    fflush(stdin);
    printf ("\nPlease Enter time: ");
    char time[15];
    gets(time);
    sleep(1);
```

```

        payment();
        system("color E");
        printf ("\t\tORDER CONFIRMED\n");
        sleep(2);
        printf ("\n\nWe will try to prepare everything according to your demands to
make this evening memorable for you\n");
    }
    else if(choice==2){
        printf ("You had selected Take-away\n");
        payment();
        system("color E");
        printf ("\t\tORDER CONFIRMED\n\t\tYou can collect your order in 25
minutes\n");
        sleep(2);
        system("color A");
        printf ("\n\nWe will try to prepare everything according to your demands to
make this evening memorable for you\n");
    }
    else if(choice==3){
        printf ("You had selected Delivery\nYour order will arrive in 25 minutes\n");
        sleep(1);
        payment();
        system("color E");
        printf ("\t\tORDER CONFIRMED\n\t\tYour order will be delivered in 25
minutes\n");
        sleep(2);
        system("color A");
        printf ("\n\nWe will try to prepare everything according to your demands to
make this evening memorable for you\n");
    }

```

```

    }
    sleep(2);
    getch();
    system("cls");
    system("color A");
    printf ("Do you want to give review\nYour review help us in improving\nY for yes\nN for
no");
    char revi;
    scanf (" %c",&revi);
    int coder=1;
    if(revi=='y'){
        review(coder);
        sleep(1);
    }
    close();
}

void search (void){
    system("cls");
    char str[30];
    p:
    fflush(stdin);
    printf("\n enter dish name : ");
    gets(str);
    strlwr(str);

    if (strcmp(str,"biryani")==0 || strcmp(str,"chicken biryani")==0 || strcmp(str,"beef
biryani")==0){
        biryani();
    }
}

```

```
else if(strcmp(str,"nihari")==0 || strcmp(str,"chicken nihari")==0 || strcmp(str,"")==0){
    nihari();
}
else if(strcmp(str,"karahi")==0){
    karahi();
}
else if(strcmp(str,"chicken tikka")==0 || strcmp(str,"tikka")==0){
    chicken_tikka();
}
else if(strcmp(str,"beef tikka")==0){
    beef_tikka();
}
else if(strcmp(str,"beef burger")==0){
    beef_burger();
}
else if(strcmp(str,"zinger burger")==0){
    zinger_burger();
}
else if(strcmp(str,"chicken burger")==0 || strcmp(str,"burger")==0){
    chicken_burger();
}
else if(strcmp(str,"cheese burger")==0 || strcmp(str,"ham burger")==0){
    cheese_ham();
}
else if(strcmp(str,"large pizza")==0 || strcmp(str,"pizza")==0){
    pizza_lar();
}
```

```
else if(strcmp(str,"small pizza")==0){
    pizza_sml();
}
else if(strcmp(str,"fish and chips")==0 || strcmp(str,"fish")==0){
    fish_n_chips();
}
else if(strcmp(str,"fried fish")==0 || strcmp(str,"fish fry")==0){
    fried_fish();
}
else if(strcmp(str,"prawns")==0){
    prawns();
}
else if(strcmp(str,"grilled fish")==0){
    grilled_fish();
}
else if(strcmp(str,"spaghetti")==0 || strcmp(str,"noodles")==0 ||
strcmp(str,"macroni")==0){
    spag_nood();
}
else if(strcmp(str,"wonton")==0 || strcmp(str,"wongtong")==0){
    wonton();
}
else if(strcmp(str,"soup")==0 || strcmp(str,"chicken corn soup")==0 || strcmp(str,"hot
and corn soup")==0){
    soup();
}
else if(strcmp(str,"chowmein")==0){
    chowmein();
}
```

```

    }
    else if(strcmp(str,"dumplings")==0){
        dumplings();
    }
    else{
        printf("\ncould not find..");
        goto p;
    }
}

void review(int coder){
    int return1;
    char review[100],revfile[100],see;
    FILE *rev;
    rev=fopen("review.txt","a+");
    if(coder==0){
        while(!feof(rev)){
            fgets (revfile,100,rev);
            printf ("%s",revfile);
        }
        printf ("\n\nPress 1 to return to menu\n");
        scanf ("%d",&return1);
    }
    else{
        fflush(stdin);
        system("cls");
        printf ("Please Enter your review:\n ");
        gets(review);
    }
}

```

```

sleep(1);
printf ("\nYour review has been Recorded.\nWe appreciate you\n");
sleep(1);
fprintf (rev,"\n\n%s:",z.name);
fprintf (rev,"\n%s",review);
printf ("Do you want to see your review\nY for yes ");
scanf (" %c",&see);
if(see=='y'){
    while(!feof(rev)){
        fgets (revfile,100,rev);
        printf ("%s",revfile);
    }
}
printf ("\n\n\nPress any key to end");
getch();
}
fclose(rev);
}

void payment(void){
    pay:
    printf ("Do you want to pay\n1). Online \n2).Cash Payment\n");
    int o;
    scanf ("%d" ,&o);
    if(o==1){
        printf ("Please Enter your account number: ");
        int account_no;
        scanf ("%d" ,&account_no);
    }
}

```



```

        printf ("Please enter pin: ");

        int payment_pin;

        scanf ("%d",&payment_pin);

        system("cls");printf ("Doing transactions| |\nPlease
wait.");sleep(1);system("cls");printf ("Doing transactions| |\nPlease
wait..");sleep(1);system("cls");printf ("Doing transactions| |\nPlease
wait...");sleep(1);system("cls");

        sleep(1);

        system("cls");

        printf ("Payment successful\n");
    }
    else if(o==2){

        printf ("Cash payment selected\n");

        sleep(1);

        system("cls");

    }
    else{

        printf ("Please enter correct choice");

        sleep(1);

        goto pay;

    }

}

```