1 #include <stdio.h>

#include<string.h>

struct list{

int id;

char itemName[30];

int price;

};

//create function to display bill

void display(struct list1[], int size, char cName[], char Address[]){

int total = 0;

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

printf("\t FatMouth \n");

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

printf("\n");

printf("Name : %s \t Address : %s \n", cName, Address);

printf("\n");

for (int i=0; i<size; i++){

printf("Id : %d\t", l[i].id);

printf("Name : %d\t", l[i].itemName);

printf("Price : %d\t", l[i].price);

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

total += l[i].price;

}

printf("\t\tTotal : %d", total);

printf("\n\n");

printf("\t Thanks for visiting \n");

printf("\n\n");

}

int main() {

printf("Hello..........\n");

char Name[30];

char Address[30];

int totalItems;

printf("Enter your name \t");

scanf(" %s", &Name);

printf("Enter your address \t");

scanf(" %s", &Address);

printf("Enter total item \t");

scanf("%d", &totalItems);

printf("\n");

//struct array

struct list l[totalItems];

//insert items

for (int 1=0; i< totalItems; i++)

{

l[i].id = (i+1);

printf("Enter %d item name \t", i+1);

scanf(" %s", &l[i].itemName);

printf("Enter price \t");

scanf("%d", &l[i].price);

}

//call display function

display(l, totalItems, Name, Address);

}

2 #include <stdio.h>

#include <string.h>

struct list {

int id;

char itemName[30];

int price;

};

void displayBill(struct list items[], int size, char customerName[], char address[]) { // Corrected function name

int total = 0;

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

printf("\t FatMouth \n");

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

printf("\n");

printf("Name : %s \t Address : %s \n", customerName, address);

printf("\n");

// Use a loop to iterate through the items array

for (int i = 0; i < size; i++) {

printf("Id : %d\t", items[i].id);

printf("Name : %s\t", items[i].itemName); // Use %s for string formatting

printf("Price : %d\t", items[i].price);

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

total += items[i].price;

}

printf("\t\tTotal : %d", total);

printf("\n\n");

printf("\t Thanks for visiting FatMouth! \n"); // Improved closing message

printf("\n\n");

}

int main() {

printf("Hello! Welcome to FatMouth.\n"); // Improved greeting

char customerName[30];

char address[30];

int totalItems;

printf("Enter your name: ");

scanf(" %s", customerName); // Added space before %s for proper input handling

printf("Enter your address: ");

scanf(" %s", address);

printf("Enter the total number of items: ");

scanf("%d", &totalItems);

// Create a struct array to store item information

struct list items[totalItems];

// Get item details from the user

for (int i = 0; i < totalItems; i++) {

items[i].id = i + 1; // Set ID correctly

printf("Enter the name of item %d: ", i + 1);

scanf(" %s", items[i].itemName);

printf("Enter the price of item %d: ", i + 1);

scanf("%d", &items[i].price);

}

// Call the displayBill function to print the bill

displayBill(items, totalItems, customerName, address);

return 0;

}