***PR0GRAMING FUNDAMENTALS LAB.***

# ***FINAL PROJECT.***

## ***SOURCE CODE:***

#include<stdio.h>

#include<stdlib.h>

void Total\_Bill(int,int);

main()

{

int menu,B,burger,dmenu,D,drink,i,burgeritems=5,drinkitems=4;

char\* burgermenu[5] = {"CHICKEN BURGER","BEEF BURGER ","ZINGER BURGER","CHEESE LOADED","BB SPECIAL BURGER"};

int burgerprice[5] = {150,200,230,250,300};

char\* drinkmenu[4] = {"COKE ","SPRITE","FANTA","WATER"};

int drinkprice[4] = {60,60,60,50};

char rep;

do{

printf("\t\t WELCOME TO THE \n\t\t B U R G E R B L O C K \n");

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

printf("\t\t PLACE YOUR ORDER.\n");

printf("\t\t 1.MENU \t 0.EXIT \n\t\t : ");

scanf("%d",&menu);

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

if(menu==1)

{

printf("\t\t\t B U R G E R S \n");

//FOR PRINTING MENU I USED ARRAY AND FOR LOOP.

for(i=0;i<burgeritems;i++)

{

printf("\t\t%d. %s\t\t%d/-\n",i+1,burgermenu[i],burgerprice[i]);

}

printf("\t\t 0.SKIP");

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

printf("\n\t\t WHICH ONE WOULD YOU LIKE TO EAT? \n\t\t : ");

scanf("%d",&B);

//FOR SELECTING BURGERS FROM THE MENU I USED IF ELSE CONDITION.

if(B==1)

{

printf("\n\t\t 1.CHICKEN BURGER \t RS:150/-");

printf("\n\n\t\t ENTER THE BURGER CODE TO CONFIRM: ");

scanf("%d",&burger);

burger=150;

}

else if(B==2)

{

printf("\n\t\t 2.BEEF BURGER \t\t RS:200/-");

printf("\n\n\t\t ENTER THE BURGER CODE TO CONFIRM: ");

scanf("%d",&burger);

burger=200;

}

else if(B==3)

{

printf("\n\t\t 3.ZINGER BURGER \t RS:230/-");

printf("\n\n\t\t ENTER THE BURGER CODE TO CONFIRM: ");

scanf("%d",&burger);

burger=230;

}

else if(B==4)

{

printf("\n\t\t 4.CHEESE LOADED \t RS:250/-");

printf("\n\n\t\t ENTER THE BURGER CODE TO CONFIRM: ");

scanf("%d",&burger);

burger=250;

}

else if(B==5)

{

printf("\n\t\t 5.BB SPECIAL BURGER \t RS:300/-");

printf("\n\n\t\t ENTER THE BURGER CODE TO CONFIRM: ");

scanf("%d",&burger);

burger=300;

}

else

{

printf(" \t\t SECTION SKIPPED.");

burger=0;

}

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

printf("\n\t\tWOULD YOU LIKE TO ORDER SOME DRINK??");

printf("\n\t\t 1.DRINKS. \t 0.EXIT. \n\t\t : ");

scanf("%d",&dmenu);

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

if(dmenu==1)

{

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

//FOR PRINTING MENU I USED ARRAY AND FOR LOOP.

for(i=0;i<drinkitems;i++)

{

printf("\t\t%d. %s\t\t%d/-\n",i+1,drinkmenu[i],drinkprice[i]);

}

printf("\n\t\t 0. SKIP.");

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

printf("\n\t\t WHICH ONE WOULD YOU LIKE TO DRINK? \n\t\t : ");

scanf("%d",&D);

//FOR SELECTING BURGERS FROM THE MENU I USED IF ELSE CONDITION.

if(D==1)

{

printf("\n\t\t 1. COKE. \t\t 60/-");

printf("\n\n\t\t ENTER THE DRINK CODE TO CONFIRM: ");

scanf("%d",&drink);

drink=60;

}

else if(D==2)

{

printf("\n\t\t 2. SPRITE. \t\t 60/-");

printf("\n\n\t\t ENTER THE DRINK CODE TO CONFIRM: ");

scanf("%d",&drink);

drink=60;

}

else if(D==3)

{

printf("\n\t\t 3. FANTA. \t\t 60/-");

printf("\n\n\t\t ENTER THE DRINK CODE TO CONFIRM: ");

scanf("%d",&drink);

drink=60;

}

else if(D==4)

{

printf("\n\t\t 4. WATER. \t\t 50/-");

printf("\n\n\t\t ENTER THE DRINK CODE TO CONFIRM: ");

scanf("%d",&drink);

drink=50;

}

else

{

printf(" \t\t SECTION SKIPPED.");

drink=0;

}

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

}

else

{

printf("\n\t\t ORDER COMPLETED");

}

}

else

{

printf("\t\tTHANKS FOR COMING SEE YOU NEXT TIME..:)");

burger=0;

drink=0;

system("cls");

}

system("cls");

//CALLING FUNCTION IN MAIN.

Total\_Bill(burger, drink);

printf("\n\t\t N E X T O R D E R? Y/N \n\t\t: ");

scanf(" %c",&rep);

system("cls");

}

while(rep=='y'|| rep=='Y');

}

//FUNCTION BODY

void Total\_Bill(int burger,int drink)

{

printf("\n\t\t\t Y O U R O R D E R");

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

printf("\n\t\t BURGER \t\t RS: %d /-",burger);

printf("\n\t\t DRINK \t\t\t RS: %d /-",drink);

int TOTAL=burger+drink;

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

printf("\n\t\t TOTAL BILL \t\t RS: %d /-",TOTAL);

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

}