

**CS004.10**

**Application Development with C Language**

**Group Assignment**

**Point of sale system for sandwich bar**

**Group members**

Perera D Nipuna P

Amithash M R Kisalka

Samaranayake G Narthana J

# Introduction

**Point of Sales System for a Sandwich Bar**

The Sandwich Bar offers the varieties of sandwich. The prices are given for small sandwich. In our designed system we calculate prices. Our designed system is allow to answer following questions

* **Variables Declared**

char bread , fill , size , topping , control;

int top , totalquantity=0 , quantity , money;

float total=0 , sum =0 , finalsum=0 , dissum=0;

* **What is the type of bread required (B, F, and C)?**

printf("\*\* What Type Of Bread - \nBaguette - B \nFoccacia - F \nCiabatta - C \nType The Letter - ");

scanf("%c",&bread);

* **What is the filling you require? (C, S, V)?**

printf("\n\*\* What Is The Filling - \nChicken - C \nSea Food - S \nVegetarian - V \nType The Letter - ");

scanf("%s",&fill);

* **What is the size you require (S, M, L)?**

printf("\n\*\* What Is The Size - \nSmall - S \nMedium - M \nLarge - L \nType The Letter - ");

scanf("%s",&size);

* **What is the toppings required?**

rintf("\n\*\* What Is The Topping - \nCheese - C \nMayonnaise - M \nSpecial Sauce - S \nType The Letter - ");

scanf(" %c", &topping);

* **Number of sandwiches do you require?**

printf("\n\*\* Number Of Sandwiches : ");

scanf("%d",&quantity);

* **Want any more?**

rintf("\n\*\* Is There More Types ? - Yes or No - ");

scanf(" %c", &control);

* **Discount calculated**

total=total\*quantity;

totalquantity=totalquantity+quantity;

sum=sum+total;

dissum=sum\*0.1;

finalsum=sum-dissum;

printf("\n\*\* Total Price For %d Sandwiches - Rs %.2f \n\a",totalquantity,sum);

if(sum>1000)

{

printf("\n\*\* Discount Price - Rs %.2f \n",finalsum);

}

else

{

printf("\n\*\* If Only Customer Pays By a Card , Type Y - ");

scanf("%d",&money);

if(money='Y')

{

printf("\n\*\* Total Price For a Visa Credit Card Holder - Rs %.2f \n",finalsum);

}

}