

CPPS MINI PROJECT

Customer Billing system for cafe

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Replit link – <https://replit.com/join/rggbntikns-h828lubhavan>

Code –

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int main(void)
```

```
{
```

```
    int ch, cc=0, ht=0, Tea=0, cost=0, cost1=0, cost2=0, cost3=0, cost4=0,  
    cost5=0, cost6=0, fries=0, sandwich=0, soup=0, colddrink=0, total=0;
```

```
    printf("\n\nWelcome to Sweet Aroma Cafe \n\n");
```

```
    do{
```

```
        printf("What do you want to order\n");
```

```
        printf(" 1.Cold coffee - 60\n 2.Hot coffee - 40\n 3.Tea ☕ - 25\n 4.Fries 🍟 -  
150 \n 5.Sandwich 🥪 - 120\n 6.Soup 🍲 - 120\n 7.Cold Drink 🍹 - 40 \n  
8.Bill 🏠\n");
```

```
        printf("Enter your choice - ");
```

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

```
        switch (ch)
```

```
{
```

```
    case 1:
```

```
        printf("How many cold coffee do you want to order\n");
```

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

```
cost = cc * 60;  
printf("cold coffee - %d\n\n", cost);  
break;
```

case 2:

```
printf("How many hot coffee do you want to order\n");  
scanf("%d", &ht);  
cost1 += ht * 40;  
printf("hot coffee - %d\n\n", cost1);  
break;
```

case 3:

```
printf("How many Tea do you want to order\n");  
scanf("%d",&Tea);  
cost2 = Tea * 25;  
printf("tea ☕ - %d\n\n",cost2);  
break;
```

case 4:

```
printf("How many fries do you want to order\n");  
scanf("%d",&fries);  
cost3 = fries * 150;  
printf("fries 🍟 - %d\n\n",cost3);  
break;
```

case 5:

```
printf("How many sandwich do you want to order\n");  
scanf("%d",&sandwich);  
cost4 = sandwich * 120;  
printf("sandwich 🥪 - %d\n\n",cost4);
```

```
break;
```

case 6:

```
printf("How many soup do you want to order\n");
```

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

```
cost5 = soup * 120;
```

```
printf("soup 🍲 - %d\n\n",cost5);
```

```
break;
```

case 7:

```
printf("How many cold drink do you want to order\n");
```

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

```
cost6 = colddrink * 40;
```

```
printf("cold drink 🥤 - %d\n\n",cost6);
```

```
break;
```

case 8:

```
total = cost + cost1 + cost2 + cost3 + cost4 + cost5 + cost6;
```

```
printf("Item      quantity  price  \n");
```

```
printf("Cold coffee  %d      %d    \n",cc,cost);
```

```
printf("Hot coffee   %d      %d    \n",ht,cost1);
```

```
printf("Tea         %d      %d    \n",Tea,cost2);
```

```
printf("Fries       %d      %d    \n",fries,cost3);
```

```
printf("Sandwich    %d      %d    \n",sandwich,cost4);
```

```
printf("Soup        %d      %d    \n",soup,cost5);
```

```
printf("Cold drink   %d      %d    \n",colddrink,cost6);
```

```
printf("Your total bill is %d Rs\n\n", total);
```

```
        exit(0);  
        break;  
    default:  
        printf("You have entered wrong choice\n\n\n");  
        break;  
    }  
}  
while(1);  
return 0;  
}
```

Output –

Welcome to Sweet Aroma Cafe

What do you want to order

1.Cold coffee - 60

2.Hot coffee - 40

3.Tea ☕ - 25

4.Fries 🍟 - 150

5.Sandwich 🥪 - 120

6.Soup 🍲 - 120

7.Cold Drink 🥤 - 40

8.Bill 🧾

Enter your choice - 1

How many cold coffee do you want to order

2

cold coffee - 120

What do you want to order

1.Cold coffee - 60

2.Hot coffee - 40

3.Tea ☕ - 25

4.Fries 🍟 - 150

5.Sandwich 🥪 - 120

6.Soup 🍲 - 120

7.Cold Drink 🥤 - 40

8.Bill 🧾

Enter your choice - 4

How many fries do you want to order

2

fries 🍟 - 300

What do you want to order

1.Cold coffee - 60

2.Hot coffee - 40

3.Tea ☕ - 25

4.Fries 🍟 - 150

5.Sandwich 🥪 - 120

6.Soup 🍲 - 120

7.Cold Drink 🥤 - 40

8.Bill 🏠

Enter your choice - 5

How many sandwich do you want to order

2

sandwich 🥪 - 240

What do you want to order

1.Cold coffee - 60

2.Hot coffee - 40

3.Tea ☕ - 25

4.Fries 🍟 - 150

5.Sandwich 🥪 - 120

6.Soup 🍲 - 120

7.Cold Drink 🥤 - 40

8.Bill 🏠

Enter your choice - 6

How many soup do you want to order

1

soup 🍲 - 120

What do you want to order

1.Cold coffee - 60

2.Hot coffee - 40

3.Tea ☕ - 25

4.Fries 🍟 - 150

5.Sandwich 🥪 - 120

6.Soup 🍲 - 120

7.Cold Drink 🥤 - 40

8.Bill 🧾

Enter your choice - 8

| Item | quantity | price |
|------|----------|-------|
|------|----------|-------|

| | | |
|-------------|---|-----|
| Cold coffee | 2 | 120 |
|-------------|---|-----|

| | | |
|------------|---|---|
| Hot coffee | 0 | 0 |
|------------|---|---|

| | | |
|-----|---|---|
| Tea | 0 | 0 |
|-----|---|---|

| | | |
|-------|---|-----|
| Fries | 2 | 300 |
|-------|---|-----|

| | | |
|----------|---|-----|
| Sandwich | 2 | 240 |
|----------|---|-----|

| | | |
|------|---|-----|
| Soup | 1 | 120 |
|------|---|-----|

| | | |
|------------|---|---|
| Cold drink | 0 | 0 |
|------------|---|---|

Your total bill is 780 Rs