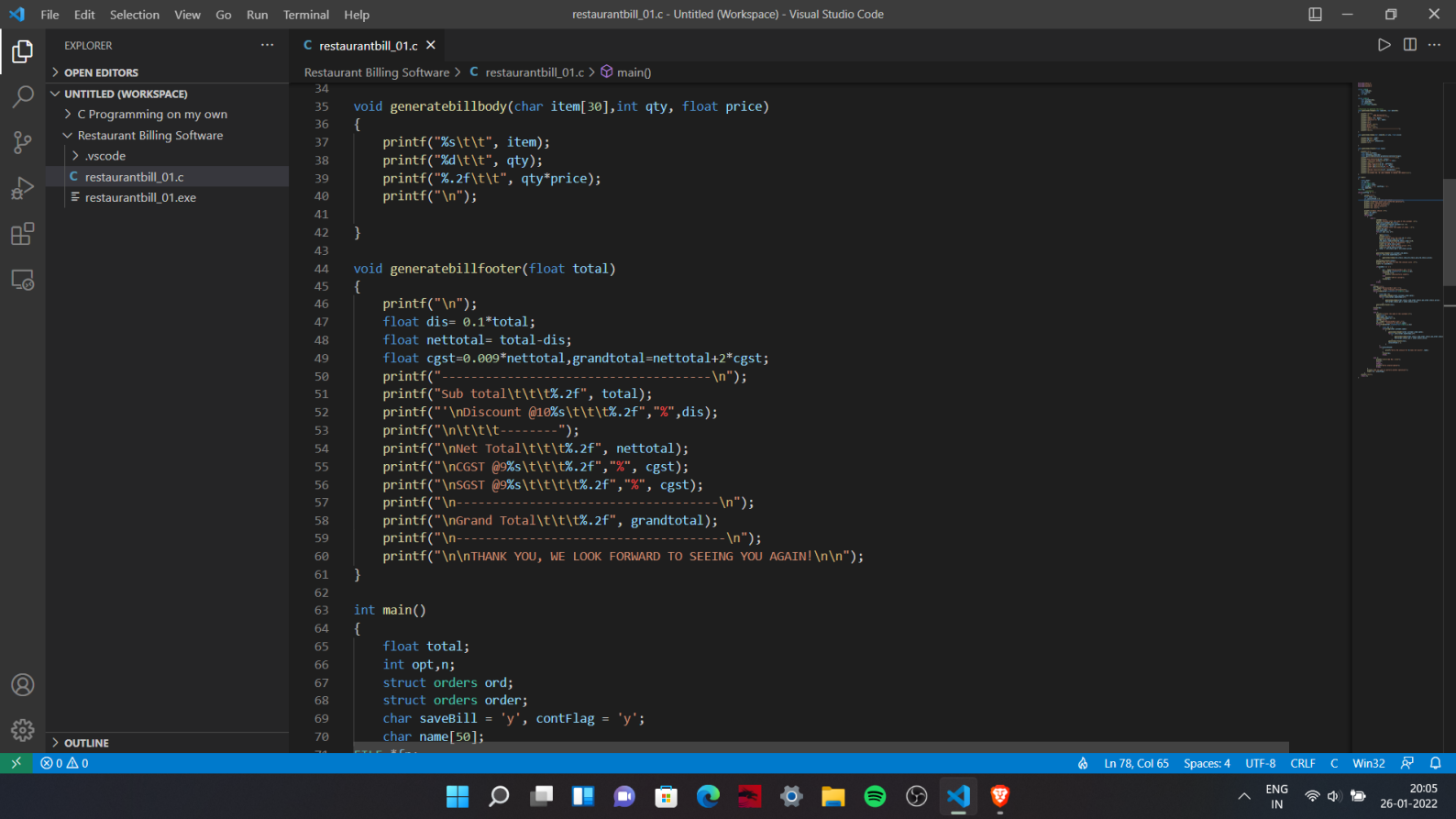
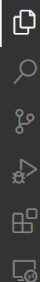


Restaurant Billing Software > C restaurantbill_01.c > main()





EXPLORER

> OPEN EDITORS

▼ UNTITLED (WORKSPACE)

> C Programming on my own

▼ Restaurant Billing Software

> .vscode

C restaurantbill_01.c

restaurantbill_01.exe

C restaurantbill_01.c X

Restaurant Billing Software > C restaurantbill_01.c > main()

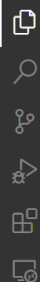
```
67 struct orders ord;  
68 struct orders order;  
69 char saveBill = 'y', contFlag = 'y';  
70 char name[50];  
71 FILE *fp;  
72 //dashboard  
73 while(contFlag == 'y' )  
74 {  
75     system("cls");  
76     float total = 0;  
77     int invoicefound = 0;  
78     printf("\t=====CSBS RESTAURANT=====");  
79     printf("\n\nPlease select your preferred operation");  
80     printf("\n\n1. Generate Invoice");  
81     printf("\n2. Show all Invoices");  
82     printf("\n3. Search Invoice");  
83     printf("\n4. Exit");  
84  
85     printf("\n\nYour choice: \t");  
86     scanf("%d",&opt);  
87     fgetc(stdin);  
88     switch(opt)  
89     {  
90     case 1:  
91         system("cls");  
92         printf("\nPlease enter the name of the customer :\t");  
93         fgets(ord.customer,50,stdin);  
94         ord.customer[strlen(ord.customer)-1] = 0;  
95         strcpy(ord.date, __DATE__);  
96         printf("\nPlease enter the number of items : \t");  
97         scanf("%d",&n);  
98         ord.numofitems = n;  
99         for(int i=0; i<n; i++)  
100         {  
101             fgetc(stdin);  
102             printf("\n\n");  
103             printf("Please enter the item %d:\t",i+1);  
104             fgets(ord.item[i],20,stdin);
```

> OUTLINE

X 0 0

Ln 78, Col 65 Spaces: 4 UTF-8 CRLF C Win32

ENG
IN20:05
26-01-2022



EXPLORER

> OPEN EDITORS

UNTITLED (WORKSPACE)

- > C Programming on my own
- > Restaurant Billing Software
 - > .vscode
 - C restaurantbill_01.c
 - restaurantbill_01.exe

C restaurantbill_01.c X

Restaurant Billing Software > C restaurantbill_01.c > main()

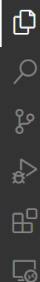
```
107         scanf("%d",&ord.itm[i].qty);
108         printf("Please enter the unit price: \t");
109         scanf("%f",&ord.itm[i].price);
110         total += ord.itm[i].qty * ord.itm[i].price;
111     }
112
113     generatebillheader(ord.customer,ord.date);
114     for(int i=0;i<ord.numofitems;i++)
115     {
116         generatebillbody(ord.itm[i].item,ord.itm[i].qty,ord.itm[i].price);
117     }
118     generatebillfooter(total);
119     printf("\nDo you want to save the invoice [y/n] :\t");
120     scanf("%s",&saveBill);
121
122     if(saveBill == 'y')
123     {
124         fp = fopen("RestaurantBill.dat","a+");
125         fwrite(&ord,sizeof(struct orders),1,fp);
126         if(fwrite != 0)
127             printf("\nSuccessfully saved");
128         else
129             printf("\nError saving");
130         fclose(fp);
131     }
132     break;
133
134     case 2:
135         system("cls");
136         fp = fopen("RestaurantBill.dat","r");
137         printf("\n    **Your Previous Invoices**\n");
138         while(fread(&order,sizeof(struct orders),1,fp))
139         {
140             float tot = 0;
141             generatebillheader(order.customer,order.date);
142             for(int i=0;i<order.numofitems;i++)
143             {
```

> OUTLINE

X 0 0 0

Ln 78, Col 65 Spaces: 4 UTF-8 CRLF C Win32





EXPLORER

> OPEN EDITORS

▼ UNTITLED (WORKSPACE)

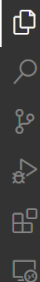
- > C Programming on my own
- ▼ Restaurant Billing Software
 - > .vscode
 - C restaurantbill_01.c
 - restaurantbill_01.exe

C restaurantbill_01.c X

Restaurant Billing Software > C restaurantbill_01.c > main()

```
140 float tot = 0;
141 generatebillheader(order.customer,order.date);
142 for(int i=0;i<order.numofitems;i++)
143 {
144     generatebillbody(order.itm[i].item,order.itm[i].qty,order.itm[i].price);
145     tot+=order.itm[i].qty * order.itm[i].price;
146 }
147 generatebillfooter(tot);
148 }
149 fclose(fp);
150 break;
151
152 case 3:
153     printf("\n Enter the name of the customer:\t");
154     fgetc(stdin);
155     fgets(name ,50,stdin);
156     name[strlen(name)-1] = 0;
157     system("cls");
158     fp = fopen("RestaurantBill.dat","r");
159     printf("\n **Invoice of %s*\n",name);
160     while(fread(&order,sizeof(struct orders),1,fp))
161     {
162         float tot = 0;
163         if(!strcmp(order.customer,name))
164         {
165             generatebillheader(order.customer,order.date);
166             for(int i=0;i<order.numofitems;i++)
167             {
168                 generatebillbody(order.itm[i].item,order.itm[i].qty,order.itm[i].price);
169                 tot+=order.itm[i].qty * order.itm[i].price;
170             }
171             generatebillfooter(tot);
172             invoicefound = 1;
173         }
174     }
175     if(!invoicefound)
176     {
177         printf("Sorry, the invoice for %s does not exists", name);
```





EXPLORER

OPEN EDITORS

UNTITLED (WORKSPACE)

- > C Programming on my own
- > Restaurant Billing Software
 - > .vscode
 - C restaurantbill_01.c
 - restaurantbill_01.exe

C restaurantbill_01.c X

Restaurant Billing Software > C restaurantbill_01.c > main()

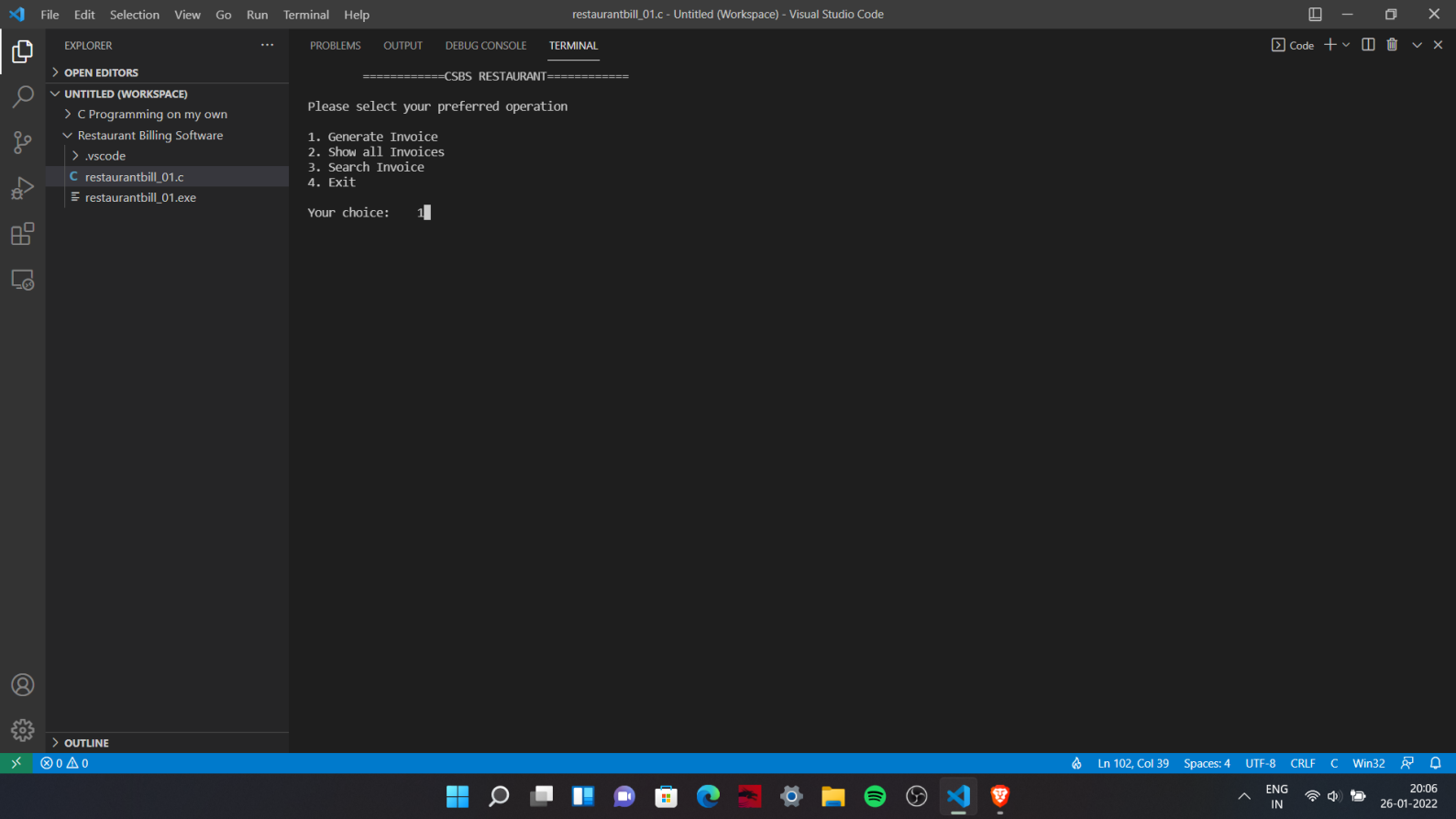
```
160 while(fread(&order,sizeof(struct orders),1,fp))
161 {
162     float tot = 0;
163     if(!strcmp(order.customer,name))
164     {
165         generatebillheader(order.customer,order.date);
166         for(int i=0;i<order.numofitems;i++)
167         {
168             generatebillbody(order.itm[i].item,order.itm[i].qty,order.itm[i].price);
169             tot+=order.itm[i].qty * order.itm[i].price;
170         }
171         generatebillfooter(tot);
172         invoicefound = 1;
173     }
174 }
175 if(!invoicefound)
176 {
177     printf("Sorry the invoice for %s does not exists", name);
178 }
179 fclose(fp);
180 break;
181
182 case 4:
183     printf("\n\t\t Bye Bye :)\n\n");
184     exit(0);
185     break;
186 default:
187     printf("Sorry invalid option");
188     break;
189 }
190 printf("\nDo you want to perform another operation?");
191 scanf("%s", &contFlag);
192 }
193 printf("\n\n");
194 return 0;
195 }
```

> OUTLINE

X 0 0 0

Ln 78, Col 65 Spaces: 4 UTF-8 CRLF C Win32





FileEditSelectionViewGoRunTerminalHelp

restaurantbill_01.c - Untitled (Workspace) - Visual Studio Code

Code+ - + -

Code+ - + -

Code+ - + -

EXPLORER

OPEN EDITORS

UNTITLED (WORKSPACE)

C Programming on my own

Restaurant Billing Software

.vscode

restaurantbill_01.c

restaurantbill_01.exe

RestaurantBill.dat

OUTLINE

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Please enter the name of the customer : Rahul Sharma

Please enter the number of items : 5

Please enter the item 1: Butter Chicken

Please enter the quantity : 2

Please enter the unit price: 190

Please enter the item 2: Kadai Paneer

Please enter the quantity : 2

Please enter the unit price: 160

Please enter the item 3: Arrabbiata Pasta

Please enter the quantity : 1

Please enter the unit price: 190

Please enter the item 4: Butter Naan

Please enter the quantity : 5

Please enter the unit price: 45

Please enter the item 5: Mint Mojito

Please enter the quantity : 5

Please enter the unit price: 120

CSBS Restaurant

Date: Jan 26 2022

Invoice to: Rahul Sharma

Items: Qty: Total:

Butter Chicken 2 380.00

Kadai Paneer 2 320.00

Arrabbiata Pasta 1 190.00

Butter Naan 5 225.00

Mint Mojito 5 600.00

0 0 0

Ln 53, Col 23 Spaces: 4 UTF-8 CRLF C Win32

20:14 26-01-2022

▼ UNTITLED (WORKSPACE)

▼ Restaurant Billing Software

```
> .vscode
```

C restaurantbill 01.c

≡ restaurantbill 01.exe

RestaurantBill.dat

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
Please enter the item 4:      Butter Naan
Please enter the quantity :    5
Please enter the unit price:  45
```

```
Please enter the item 5:    Mint Mojito
Please enter the quantity :    5
Please enter the unit price:  120
```

CSBS Restaurant

Date: Jan 26 2022
Invoice to: Rahul Sharma

Items:	Qty:	Total:	
Butter Chicken	2	380.00	
Kadai Paneer	2	320.00	
Arrabbiata Pasta			190.00
Butter Naan	5	225.00	
Mint Mojiito	5	600.00	

Sub total	1715.00'	
Discount @10%	171.50	

Net Total	1543.50	
CGST @9%	13.89	
SGST @9%		13.89

Grand Total	1571.28
-------------	---------

THANK YOU, WE LOOK FORWARD TO SEEING YOU AGAIN!

Do you want to save the invoice [y/n] : y

Successfully saved
Do you want to perform another operation?

> OUTLINE

Code +