

1. FILE

SOURCE CODE

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

int main()
{
    int ch,qty,i,net=0;
    FILE *fptr;

    fptr = fopen("C:\\Downloads\\menucard.txt", "a");
    if(fptr == NULL)
    {
        printf("Error!!!");
        exit(0);
    }

    printf("\n\tMENU CARD");
    printf("\n\n\t\t1.COFFEE\t\tRs:10");
    printf("\n\n\t\t2.TEA\t\tRs:10");
    printf("\n\n\t\t3.GREEN TEA\t\tRs:15");
    printf("\n\n\t\t4.ROSE MILK\t\tRs:25");
    printf("\n\n\t\t5.BHADHAM SHAKE\t\tRs:30");
    printf("\n\n\t\t6.MILK SHAKE\t\tRs:50");
    log:
    printf("\n\n\nEnter Your Choice : ");
    scanf("%d",&ch);
    switch(ch)
    {
        case 1:
            printf("\nYou selected COFFEE ");
```

```
printf("\nEnter the Quantity --> ");
scanf("%d",&qty);
net=net+(qty*10);
fprintf(fptr,"\nCustomer selected %d COFFEE",qty);
break;
case 2:
printf("\nYou selected TEA ");
printf("\nEnter the Quantity --> ");
scanf("%d",&qty);
net=net+(qty*10);
    fprintf(fptr,"\nCustomer selected %d TEA",qty);

break;
case 3:
printf("\nYou selected GREEN TEA ");
printf("\nEnter the Quantity--> ");
scanf("%d",&qty);
net=net+(qty*15);
    fprintf(fptr,"\nCustomer selected %d GREEN TEA",qty);

break;
case 4:
printf("\nYou selected ROSE MILK ");
printf("\nEnter the Quantity --> ");
scanf("%d",&qty);
net=net+(qty*25);
    fprintf(fptr,"\nCustomer selected %d ROSE MILK",qty);

break;
case 5:
printf("\nYou selected BHADHAM SHAKE ");
printf("\nEnter the Quantity --> ");
```

```

scanf("%d",&qty);
net=net+(qty*30);
    fprintf(fptr,"\nCustomer selected %d BHADHAM SHAKE",qty);

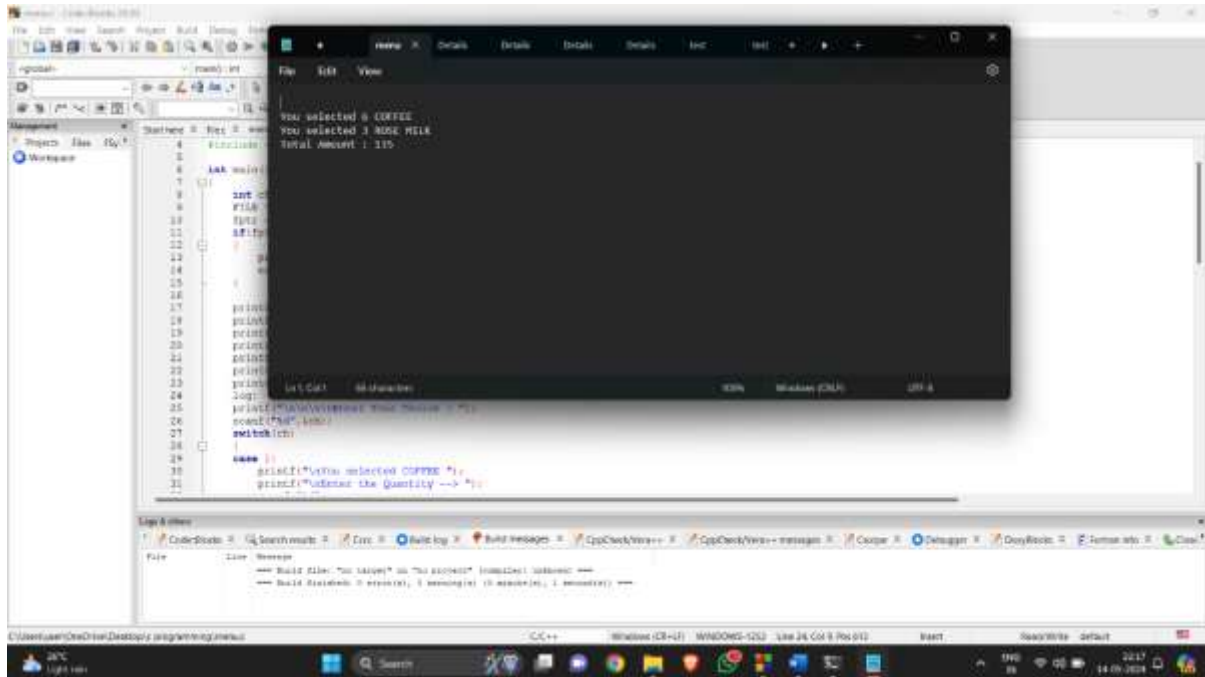
break;
case 6:
printf("\nYou MILK SHAKE");
printf("\nEnter the Quantity --> ");
scanf("%d",&qty);
net=net+(qty*50);
    fprintf(fptr,"\nCustomer selected %d MILK SHAKE",qty);

break;
}
printf("\nDo you want to continue press 1 : ");
scanf("%d",&i);
if(i==1)
{
    goto log;
}
printf("\nTotal Amount : %d",net);
printf("\nThank You Come Again");

fprintf(fptr, "\nTotal Amount : %d",net);
fclose(fptr);
return 0;}

```

OUTPUT:



2. STRUCT

SOURCE CODE

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

```
struct emp
```

```
{
    char name[30];
```

```
    int age;
```

```
    float salary;
```

```
}p1;
```

```
void main()
```

```
{
    struct emp p1, p2;
    strcpy(p1.name,"myname");
    p1.age=27;
    p1.salary=10000;
```

```

printf("name::%s",p1.name);
printf("\nage::%d",p1.age);
printf("\nsalary::%.2f",p1.salary);
}

```

OUTPUT:

```

C:\Users\user\OneDrive\Desktop
g++ -std=c++11 -c main.cpp
name: pythone
age: 27
salary: 10000.00
Process returned 17 (0x11)   execution time : 0.071 s
Press any key to continue.

```

3. EMPLOYEE DETAILS

SOURCE CODE

```

#include<stdio.h>
#include<conio.h>
#include<string.h>

```

struct emp

```

{
    char name[30];
    int age;
    char department[30];
    float salary;
}p1;

```

void main()

```

{
    struct emp p1, p2;

    printf("Enter your name:: ");
    scanf("%s",&p1.name);
    printf("Enter your age:: ");
    scanf("%d",&p1.age);
    printf("Enter your department:: ");
    scanf("%s",&p1.department);
    FILE *fptr;
    fptr=fopen("c:\\Downloads\\Details.txt", "a");
    if (fptr==NULL)
    {
        printf("Error!!");
        exit(0);
    }
    fprintf(fptr,"NAME : %s \n",p1.name);
    fprintf(fptr,"AGE : %d \n",p1.age);
    fprintf(fptr,"DEPARTMENT : %s \n",p1.department);
    fclose(fptr);
}

```

OUTPUT:

The screenshot shows a C++ IDE with a console window displaying the following output:

```

name: sayman
age: 27
salary: 10000.00
Process returned 0 (0x0)   execution time : 0.071 s
Press any key to continue.

```

Below the console, a preview of the output file '1. EMPLOYEE DETAILS' is shown, containing the source code snippet:

```

SOURCE CODE
#include<stdio.h>

```

4. FETCH DATA FROM FILE TO CONSOLE

SOURCE CODE

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

struct emp
{
    char name[30];
    int age;
    char department[30];
    float salary;
}p1;

void main()
{
    struct emp p1, p2;

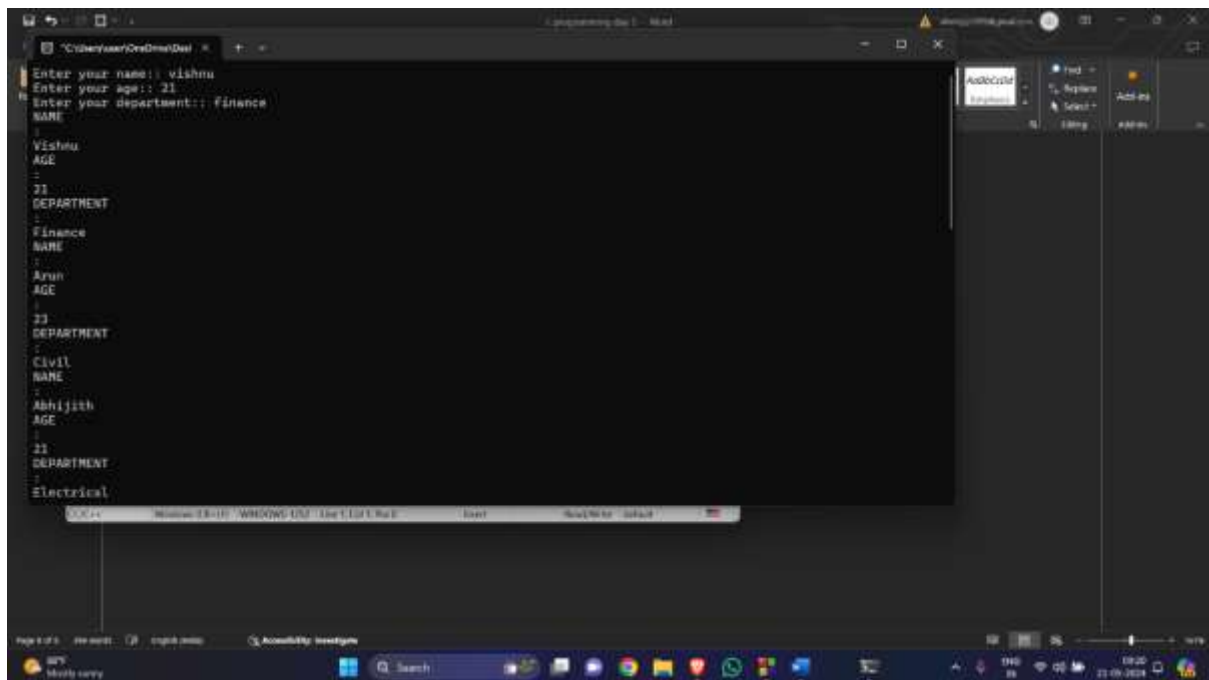
    printf("Enter your name:: ");
    scanf("%s",&p1.name);
    printf("Enter your age:: ");
    scanf("%d",&p1.age);
    printf("Enter your department:: ");
    scanf("%s",&p1.department);
    FILE *fptr;
    fptr=fopen("c:\\Downloads\\Details.txt", "a");
    if (fptr==NULL)
    {
        printf("Error!!");
        exit(0);
    }
    fprintf(fptr,"NAME : %s \n",p1.name);
```

```

fprintf(fptr,"AGE : %d \n",p1.age);
fprintf(fptr,"DEPARTMENT : %s \n",p1.department);
fclose(fptr);
FILE *ptr;
ptr=fopen("c:\\Downloads\\details.txt", "r");
if (ptr==NULL)
{
    printf("Error!!");
    return;
}
char a[100];
while(fscanf(ptr,"%s",a)!=EOF)
{
    printf("%s\n",a);
}
fclose(ptr);
}

```

OUTPUT:



```

C:\Users\user\OneDrive\...
Enter your name:: vishnu
Enter your age:: 21
Enter your department:: Finance
NAME
:
Vishnu
AGE
:
21
DEPARTMENT
:
Finance
NAME
:
Arun
AGE
:
23
DEPARTMENT
:
Civil
NAME
:
Abhijith
AGE
:
21
DEPARTMENT
:
Electrical

```