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            Rs:10");
   printf("\n\n\t\t2.TEA               Rs:10");
   printf("\n\n\t\t3.GREEN TEA         Rs:15");
   printf("\n\n\t\t4.ROSE MILK         Rs:25");
   printf("\n\n\t\t5.BHADHAM SHAKE     Rs:30");
   printf("\n\n\t\t6.MILK SHAKE        Rs:50");
   log:
   printf("\n\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 --> ");
```

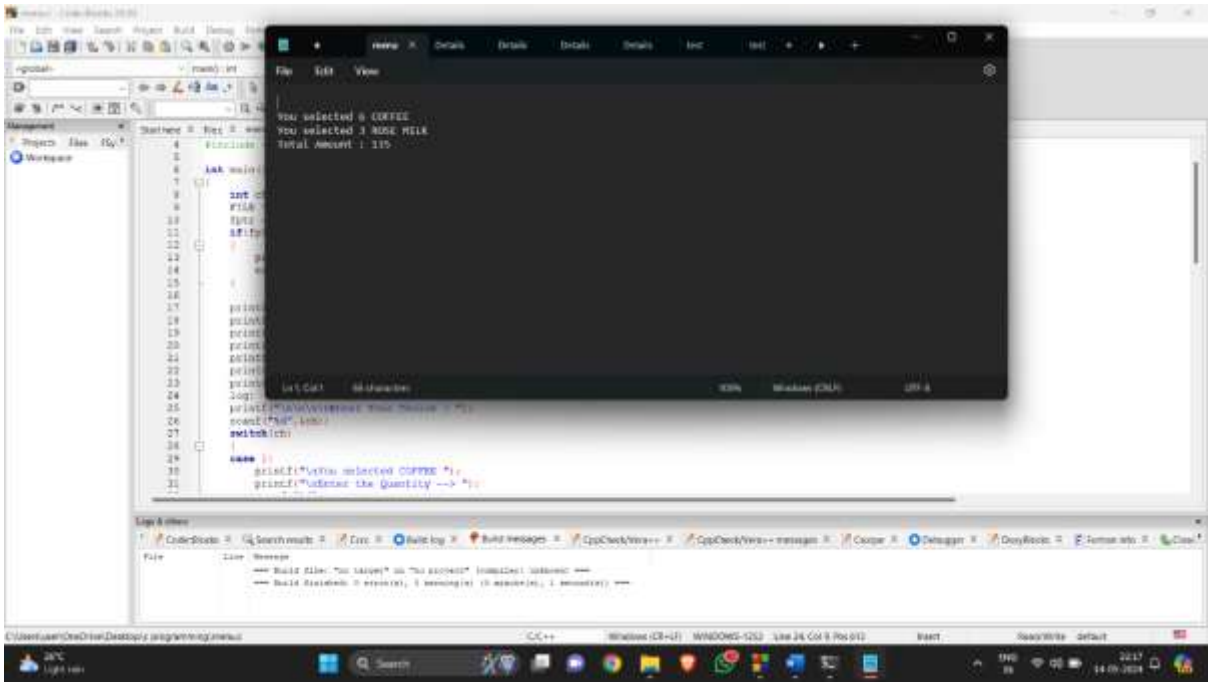
```
    scanf("%d",&qty);
    net=net+(qty*30);
        fprintf(fptr,"\nCustomer selected %d BHADHAM SHAKE",qty);

    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

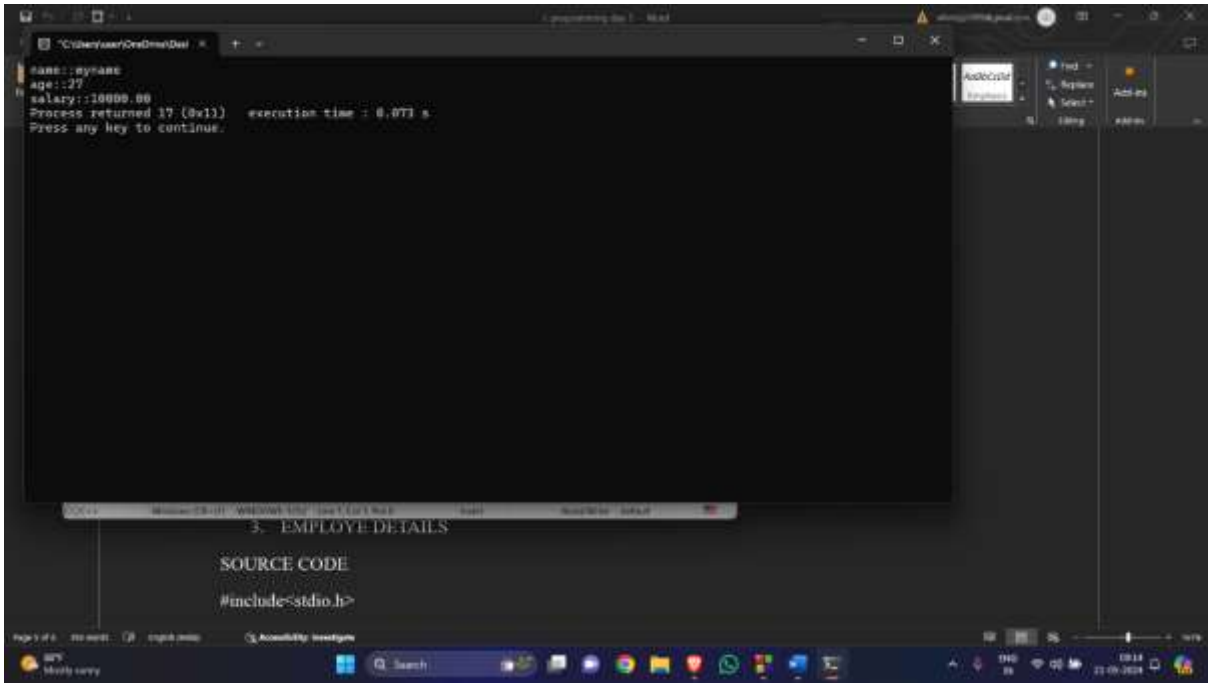
SOURCE CODE

```
#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:



3. EMPLOYE DETAILS

SOURCE CODE

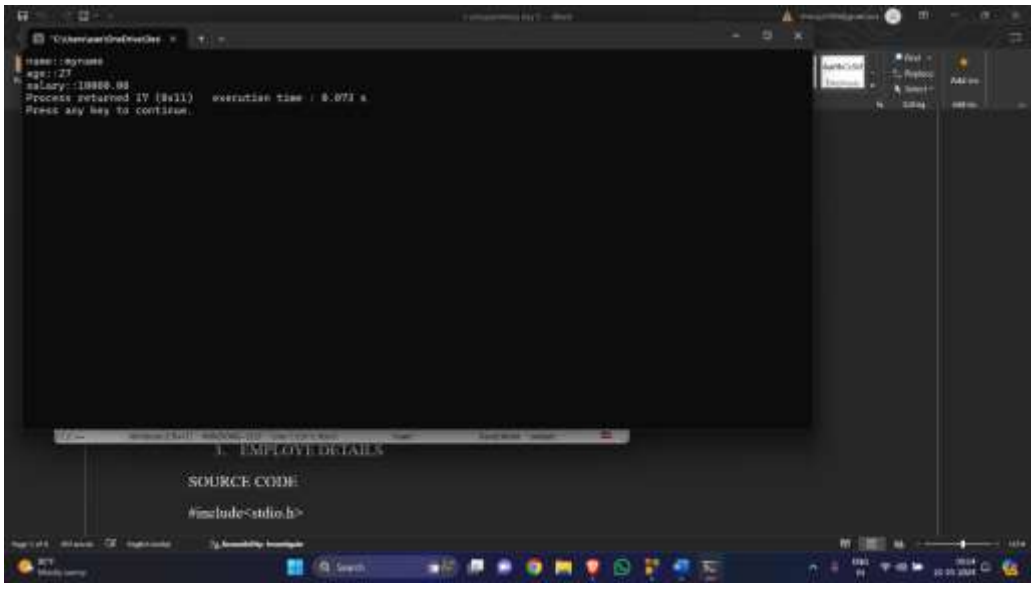
```
#include<stdio.h>
#include<conio.h>
#include<string.h>

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:



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: