

Question No-32:

//Program to design an application for a restaurant and display the menu

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

```
int main()
```

```
{
```

```
    printf("MENU\n");
```

```
    printf("Veg KHANA Restaurant\n");
```

```
    printf("~~~~~\n");
```

```
    printf("S.no  Items   Price \n");
```

```
    printf("----  ----  ----\n");
```

```
    printf(" 1.  Idly  Rs.25\n");
```

```
    printf(" 2.  Dosa  Rs.50\n");
```

```
    printf(" 3.  Vada  Rs.20\n");
```

```
    printf(" 4.  Upma  Rs.25\n");
```

```
    printf(" 5.  Exit   \n");
```

```
    char ch;
```

```
    printf("Enter the item from(I/D/V/U/E):");
```

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

```
    ch=toupper(ch);
```

```
    int plates,price;
```

```
    plates=price=0;
```

```
    printf("Enter the no.of Plates:");
```

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

```
    switch(ch)
```

```
{
```

```
    case 'I':price=plates*25;
```

```
        printf("Bill is %d",price);break;
```

```
    case 'D':price=plates*50;
```

```

        printf("Bill is %d",price);break;
    case 'V':price=plates*20;
        printf("Bill is %d",price);break;
    case 'U':price=plates*25;
        printf("Bill is %d",price);break;
    case 'E':exit(0);
    default:printf("Please enter the valid input");
}
return 0;
}

```

The screenshot shows a Windows command prompt window with the title bar "C:\Users\hp\lab.c\032_restaur". The program output is as follows:

```

MENU
Veg KHANA Restaurant
~~~~~
S.no   Items   Price
----   -
1.     Idly    Rs.25
2.     Dosa     Rs.50
3.     Vada     Rs.20
4.     Upma     Rs.25
5.     Exit
Enter the item from(I/D/V/U/E):d
Enter the no.of Plates:3
Bill is 150
Process returned 0 (0x0)    execution time : 6.473 s
Press any key to continue.

```