

C:\Users\swaro\OneDrive\Documents\exp 11.cpp - [Executing] - Dev-C++ 5.11

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Project Classes Debug

exp 8.cpp exp 9.cpp exp 10.cpp exp 11.cpp

```
69     int flag=0,i; for(i=0;i<cnt;i++)
70     {
71         if(strcmp(sy[i].label,s)==0)
72             flag=1;
73     }
74     return flag;
75 }
76 void modify()
77 {
78     int val,ad,i;
79     char lab[10];
80     printf("enter the labe:");
81     scanf("%s",lab);
82     val=search(lab);
83     if(val==0)
84         printf("no such symbol");
85     else
86     {
87         printf("label is found \n");
88         printf("enter the address");
89         scanf("%d",&ad);
90         for(i=0;i<cnt;i++)
91         {
92             if(strcmp(sy[i].label,lab)==0)
93                 sy[i].addr=ad;
94         }
95     }
96 }
97 void display()
98 {
99     int i;
100     for(i=0;i<cnt;i++)
101         printf("%s\t%d\n",sy[i].label,sy[i].addr);
102 }
103
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\swaro\OneDrive\Documents\exp 11.exe  
- Output Size: 130.7626953125 KiB  
- Compilation Time: 0.22s

Line: 103 Col: 1 Sel: 0 Lines: 103 Length: 1589 Insert Done parsing in 0.031 seconds



Project Classes Debug

exp 8.cpp exp 9.cpp exp 10.cpp exp 11.cpp

```
37         else
38             printf("label is not found");
39         break;
40     case 4:
41         modify();
42         break;
43     case 5:
44         exit(0);
45         break;
46     }
47 }while(ch<5);
48 }
49 void insert()
50 {
51     int val;
52     char lab[10];
53     int symbol;
54     printf("enter the label");
55     scanf("%s",lab);
56     val=search(lab);
57     if(val==1)
58         printf("duplicate symbol");
59     else
60     {
61         strcpy(sy[cnt].label,lab);
62         printf("enter the address");
63         scanf("%d",&sy[cnt].addr);
64         cnt++;
65     }
66 }
67 int search(char *s)
68 {
69     int flag=0,i; for(i=0;i<cnt;i++)
70     {
71         if(strcmp(sy[i].label,s)==0)
72             flag=1;
```

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Compilation results...

```
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```



```
1  #include<stdio.h>
2  #include<stdlib.h>
3  #include<string.h>
4  int cnt=0;
5  struct symtab
6  {
7      char label[20];
8      int addr;
9  }
10 sy[50];
11 void insert();
12 int search(char *);
13 void display();
14 void modify();
15 int main()
16 {
17     int ch,val;
18     char lab[10];
19     do
20     {
21         printf("\n1.insert\n2.display\n3.search\n4.modify\n5.exit\n");
22         scanf("%d",&ch);
23         switch(ch)
24         {
25             case 1:
26                 insert();
27                 break;
28             case 2:
29                 display();
30                 break;
31             case 3:
32                 printf("enter the label");
33                 scanf("%s",lab);
34                 val=search(lab);
35                 if(val==1)
36                     printf("label is found");
```

Abort Compilation

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```

```
C:\Users\swaro\OneDrive\Documents\exp 11.cpp - [Executing] - Dev-C++ 5.11
1.insert
2.display
3.search
4.modify
5.exit
1
enter the labelenter the label a
enter the address
1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the address
1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the address
1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the addressenter the address 100

1.insert
2.display
```

Abort Compilation

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```
-----
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```

```
C:\Users\swaro\OneDrive\Documents\exp 11.cpp - [Executing] - Dev-C++ 5.11
2.display
3.search
4.modify
5.exit
enter the labelenter the address
1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the addressenter the address 100

1.insert
2.display
3.search
4.modify
5.exit
enter the labelduplicate symbol
1.insert
2.display
3.search
4.modify
5.exit
enter the labelduplicate symbol
```

Abort Compilation

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```
-----
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```

☐ Shorten compiler paths

```
enter the labelduplicate symbol
1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the address
1.insert
2.display
3.search
4.modify
5.exit

1.insert
enter the labelenter the address2.display

1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the address3.search

1.insert
```

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```
1.insert
2.display
3.search
4.modify
5.exit
enter the labelenter the address2

1.insert
2.display
3.search
4.modify
5.exit
a      100
enter the labelduplicate symbol
1.insert
2.display
3.search
4.modify
5.exit

-----
Process exited after 5.006 seconds with return value 0
Press any key to continue . . . |
```

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