

```
main.c
52 printf("\n\n");
53 printf("info\tid");
54 for(i = 0; i<SIZE; i++) {
55 if(hash[i] != NULL)
56 printf("\n %d\t%s",hash[i]->key,hash[i]->data);
57 }
58 printf("\n");
59 }
60 int main() {
61 char id[25][25];
62 int i = 0;
63 printf("Enter 'x' to stop giving input\n\nInput:\n");
64 while (i < 25){
65 scanf("%s",id[i]);
66 if (!strcmp(id[i],"x")){
67 break;
68 }
69 insert(i,id[i]);
70 i++;
71 }
72 display();
73 }
```

Input:  
hello alec  
X  
Y

main.c

```
67 }
68 void display (){
69     int i;
70     struct symtab *p;
71     p = first;
72     printf ("\nId\t\t\tInfo\n");
73     for (i = 0; i < size; i++){
74         printf ("%s\t\t\t%s\n", p->label, p->info);
75         p = p->next;
76     }
77 }
78 int search (char lab[]){
79     int i, flag = 0;
80     struct symtab *p;
81     p = first;
82     for (i = 0; i < size; i++){
83         if (strcmp (p->label, lab) == 0)
84             flag = 1;
85         p = p->next;
86     }
87     return flag;
88 }
```

input

0 Input a value

1 Display table

Enter option: 0

Enter the Identifier: