

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?



a1.c lab1.c l1.c l31.c

```
1 #include <stdio.h>
2
3 void main() {
4
5     int x, y;
6
7     while (1)
8     {
9         printf ("Please enter first number : ");
10        scanf ("%d", &x);
11
12        printf ("Please enter second number : ");
13        scanf ("%d", &y);
14
15        printf ("The result is : %d \n\n", (x+y));
16    }
17
18
19 }
20
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l31.c -o l31.exe
PS C:\Users\pc\Documents\C (notepad)> ./l31.exe
Please enter first number : 10
Please enter second number : 20
The result is : 30
```

Please enter first number :

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c

#include <stdio.h>

```
void main() {
    int id, pass, flag =0;
    printf ("Please Enter Your Id : ");
    scanf ("%d",&id);

    switch (id){
        case 1234 :
            printf ("Please Enter Your Password :");
            for (int i=0; i<3; i++){
                scanf(" %d",&pass);
                if (pass ==7788){
                    printf ("Welcome Ahmed");
                    break;
                }
                else{
                    flag++;
                    if(i<2){
                        printf ("Try again : ");
                    }
                }
                if (flag ==3){
                    printf ("Incorrect Password for 3 times, No more tries");
                }
            }
            break;

        case 5678 :
            printf ("Please Enter Your Password :");
            for (int i=0; i<3; i++){
                scanf(" %d",&pass);
                if (pass ==5566){
                    printf ("Welcome Amr");
                    break;
                }
                else{
                    flag++;
                    if(i<2){
                        printf ("Try again : ");
                    }
                }
            }
    }
}
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l32.c -o l32.exe
PS C:\Users\pc\Documents\C (notepad)> ./l32.exe
Please Enter Your Id : 7471
You are not registered
PS C:\Users\pc\Documents\C (notepad)> ./l32.exe
Please Enter Your Id : 1234
Please Enter Your Password :4512
Try again : 7788
Welcome Ahmed
PS C:\Users\pc\Documents\C (notepad)> ./l32.exe
Please Enter Your Id : 1234
Please Enter Your Password :5050
Try again : 6060
Try again : 7070
Incorrect Password for 3 times, No more tries
PS C:\Users\pc\Documents\C (notepad)>
```

C:\Users\pc\Documents\C (notepad)\l32.c - Notepad++

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l31.c l32.c

```
37 }  
38 else{  
39     flag++;  
40     if(i<2){  
41         printf ("Try again : ");  
42     }  
43  
44 }  
45 if (flag ==3){  
46     printf ("Incorrect Password for 3 times, No more tries");  
47 }  
48  
49 break;  
50  
51 case 9870 :  
52     printf ("Please Enter Your Password :");  
53     for (int i=0; i<3; i++){  
54         scanf(" %d",&pass);  
55         if (pass ==1122){  
56             printf ("Welcome Wael");  
57             break;  
58         }  
59     else{  
60         flag++;  
61         if(i<2){  
62             printf ("Try again : ");  
63         }  
64     }  
65     if (flag ==3){  
66         printf ("Incorrect Password for 3 times, No more tries");  
67     }  
68 }  
69  
break;  
70  
default :  
71     printf ("You are not registered");  
72     break;  
73  
74  
75  
76  
77  
78 }
```

Windows PowerShell

```
PS C:\Users\pc\Documents\C (notepad)> gcc l32.c -o l32.exe  
PS C:\Users\pc\Documents\C (notepad)> ./l32.exe  
Please Enter Your Id : 7471  
You are not registered  
PS C:\Users\pc\Documents\C (notepad)> ./l32.exe  
Please Enter Your Id : 1234  
Please Enter Your Password :4512  
Try again : 7788  
Welcome Ahmed  
PS C:\Users\pc\Documents\C (notepad)> ./l32.exe  
Please Enter Your Id : 1234  
Please Enter Your Password :5050  
Try again : 6060  
Try again : 7070  
Incorrect Password for 3 times, No more tries  
PS C:\Users\pc\Documents\C (notepad)>
```



```
1 #include <stdio.h>
2
3
4 void main() {
5
6     int x;
7     printf ("Please Enter the height of the pyramid : ");
8     scanf ("%d", &x);
9
10    /* ----*      3 0
11       ---***     2 1
12       -*****     1 2
13       *****     0 3
14       no of stars =2*no of row +1
15
16 */
17
18    for (int i=0; i<x; i++) {
19
20        for (int j=0; j<x-i-1; j++) {
21            printf (" ");
22        }
23        for (int k=0; k<2*i+1; k++) {
24            printf ("*");
25        }
26        printf ("\n");
27    }
}
```