

```
C:\Users\Yma\OneDrive\Documents\assignments\CIP\Accounts - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
Project Classes Account
1 #include <stdio.h>
2 #include <string.h>
3
4 int main() {
5     char emails[5][50] = {"ghufran@gmail.com", "aina@gmail.com", "Saif@gmail.com"};
6     char passwords[5][50] = {"Hello12345", "0nepieceisreal", "xyz987654321"};
7     int Count = 3;
8     int choice;
9     char email[50], password[50];
10    int found, i, Letter, Digit, len;
11
12    while (1) {
13        printf(" Welcome to the Login System h");
14        public int __cdecl printf(const char * __restrict __format, ...)
15        printf("2. Sign Up\n");
16        printf("3. Exit\n");
17        printf("Enter your choice: ");
18        scanf("%d", &choice);
19
20        if (choice == 1) {
21            printf("\nEnter Email: ");
22            scanf("%s", email);
23            printf("Enter Password: ");
24            scanf("%s", password);
25
26            found = 0;
27            for (i = 0; i < Count; i++) {
28                if (strcmp(email, emails[i]) == 0 && strcmp(password, passwords[i]) == 0) {
29                    found = 1;
30                    break;
31                }
32            }
33
34            if (found)
35                printf("Sign in successful!\n");
36            else
37                printf("Invalid email or password.\n");
38        }
39
40        else if (choice == 2) {
41            if (Count >= 5) {
42                printf("User limit reached. Cannot register more users.\n");
43            }
44            else {

```

```
C:\Users\ma\OneDrive\Documents\assignments\01 public int _cdecl printf(const char* _restrict, _Format, ...)
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Account
43 }
44 else {
45     printf("\nEnter new Email: ");
46     scanf("%s", email);
47
48     found = 0;
49     for (i = 0; i < Count; i++) {
50         if (strcmp(email, emails[i]) == 0) {
51             found = 1;
52             break;
53         }
54     }
55
56     if (found) {
57         printf("Email already exists!\n");
58     }
59     else {
60         printf("Enter new Password: ");
61         scanf("%s", password);
62
63         len = strlen(password);
64         Letter = 0;
65         Digit = 0;
66
67         for (i = 0; i < len; i++) {
68             if ((password[i] >= 'A' && password[i] <= 'Z') ||
69                 (password[i] >= 'a' && password[i] <= 'z'))
70                 Letter = 1;
71             else if (password[i] >= '0' && password[i] <= '9')
72                 Digit = 1;
73         }
74
75         if (len < 8 || !Letter || !Digit) {
76             printf("Password must be at least 8 characters long and contain both letters and numbers!\n");
77         }
78         else {
79             strcpy(emails[Count], email);
80             strcpy(passwords[Count], password);
81             Count++;
82             printf("Account created successfully! Please sign in now.\n");
83         }
84     }
85 }
86 }
```

Line: 13 Col: 45 Sel: 0 Lines: 101 Length: 3178 Insert Done parsing in 0.047 seconds

Activate Windows  
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```
C:\Users\ma\OneDrive\Documents\assignments\01 public int _cdecl printf(const char* _restrict, ...)
```

```
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Classes Account
59 else {
60     printf("Enter new Password: ");
61     scanf("%s", password);
62
63     len = strlen(password);
64     letter = 0;
65     Digit = 0;
66
67     for (i = 0; i < len; i++) {
68         if ((password[i] >= 'A' && password[i] <= 'Z') ||
69             (password[i] >= 'a' && password[i] <= 'z'))
70             letter = 1;
71         else if (password[i] >= '0' && password[i] <= '9')
72             Digit = 1;
73     }
74
75     if (len < 8 || !letter || !Digit) {
76         printf("Password must be at least 8 characters long and contain both letters and numbers!\n");
77     }
78     else {
79         strcpy(emails[Count], email);
80         strcpy(passwords[Count], password);
81         Count++;
82         printf("Account created successfully! Please sign in now.\n");
83     }
84 }
85 }
86 }
87
88 else if (choice == 3) {
89     printf("Exiting the program. Goodbye!\n");
90     break;
91 }
92 else {
93     printf("Invalid choice. Please try again.\n");
94 }
95 }
96
97 return 0;
98 }
99
100
101
```

Line: 13 Col: 45 Sel: 0 Lines: 101 Length: 3178 Insert Done parsing in 0.047 seconds

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```
C:\Users\mal\OneDrive\Docum X + -
Welcome to the Login System n1. Sign In
2. Sign Up
3. Exit
Enter your choice: 2
Enter new Email: newuser@gmail.com
Enter new Password: abc12345
Account created successfully! Please sign in now.
Welcome to the Login System n1. Sign In
2. Sign Up
3. Exit
Enter your choice: ghufan@gmail.com
Enter new Email: Email already exists!
Welcome to the Login System n1. Sign In
2. Sign Up
3. Exit
Enter your choice: 1
Enter Email: wrong@gmail.com
Enter Password: 123456678
Invalid email or password.
Welcome to the Login System n1. Sign In
2. Sign Up
3. Exit
Enter your choice:
```

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S&P 500  
+14 +0.02%

Search

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