

main.c



Run

Output

```
1 //DAY 45
2 //Q89
3 #include <stdio.h>
4
5 int main() {
6     char str[100];
7     int i;
8     int freq[256] = {0};
9
10    printf("Enter a string: ");
11    fgets(str, sizeof(str), stdin);
12
13    for (i = 0; str[i] != '\0'; i++) {
14        // Increment the count of the character
15        freq[(unsigned char)str[i]]++;
16    }
17
18    printf("Character frequency in the string:\n");
19    for (i = 0; i < 256; i++) {
20        if (freq[i] != 0) {
21            printf("'%'c' occurred %d times\n", i, freq[i]);
22        }
23    }
24    return 0;
25 }
```

Enter a string: Programming  
Character frequency in the string:  
,  
' occurred 1 times  
'P' occurred 1 times  
'a' occurred 1 times  
'g' occurred 2 times  
'i' occurred 1 times  
'm' occurred 2 times  
'n' occurred 1 times  
'o' occurred 1 times  
'r' occurred 2 times

=== Code Execution Successful ===

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Share

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Output

```
1 //DAY 45
2 //Q90
3 #include <stdio.h>
4
5 int main() {
6     char str[100];
7     int i;
8
9     printf("Enter a string: ");
10    fgets(str, sizeof(str), stdin);
11
12    for (i = 0; str[i] != '\0'; i++) {
13        if (str[i] >= 'a' && str[i] <= 'z') {
14            str[i] = str[i] - 32;
15        }
16        else if (str[i] >= 'A' && str[i] <= 'Z') {
17            str[i] = str[i] + 32;
18        }
19    }
20
21    printf("Toggled case string: %s", str);
22
23    return 0;
24 }
25 }
```

Enter a string: PAWNI  
Toggled case string: pawni

=== Code Execution Successful ===