



```
1 //DAY 42
2 //Q83
3 #include <stdio.h>
4 int main() {
5     char str[100];
6     int i, vowels = 0, consonants = 0;
7
8     printf("Enter a string: ");
9     fgets(str, sizeof(str), stdin);
10
11     for (i = 0; str[i] != '\0'; i++) {
12         char ch = str[i];
13         if ((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z')) {
14             // Check for vowels
15             if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u'
16                 ||
17                 ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' || ch == 'U'
18                 ) {
19                 vowels++;
20             } else {
21                 consonants++;
22             }
23         }
24     }
25
26     printf("Number of vowels: %d\n", vowels);
27     printf("Number of consonants: %d\n", consonants);
28
29     return 0;
```

Enter a string: HELLO
Number of vowels: 2
Number of consonants: 3

=== Code Execution Successful ===

main.c



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Output

```
1 //DAY 42
2 //Q84
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    }
17
18    printf("Uppercase string: %s", str);
19
20    return 0;
21 }
```

Enter a string: upes
Uppercase string: UPES

=== Code Execution Successful ===