```c
//DAY 42
//Q83
#include <stdio.h>
int main() {
    char str[100];
    int i, vowels = 0, consonants = 0;

    printf("Enter a string: ");
    fgets(str, sizeof(str), stdin);

    for (i = 0; str[i] != '\0'; i++) {
        char ch = str[i];
        if ((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z')) {
            // Check for vowels
            if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u'
                ||
                ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' || ch == 'U'
                ) {
                vowels++;
            } else {
                consonants++;
            }
        }
    }

    printf("Number of vowels: %d\n", vowels);
    printf("Number of consonants: %d\n", consonants);

    return 0;
}
```

Output:

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


=== Code Execution Successful ===
```

main.c

```c
//DAY 42
//Q84
#include <stdio.h>

int main() {
    char str[100];
    int i;

    printf("Enter a string: ");
    fgets(str, sizeof(str), stdin);

    for (i = 0; str[i] != '\0'; i++) {
        if (str[i] >= 'a' && str[i] <= 'z') {
            str[i] = str[i] - 32;
        }
    }

    printf("Uppercase string: %s", str);

    return 0;
}
```

Output

```
Enter a string: upes
Uppercase string: UPES


=== Code Execution Successful ===
```