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1 #include <stdio.h>
2 #include <string.h>
3 #include <ctype.h>
4 #define ALPHABET_SIZE 26
5 #define MAX_LEN 1000
6 void monoalphabeticCipher(char text[], char key[]) {
7     for (int i = 0; text[i] != '\0'; i++) {
8         if (isalpha(text[i])) {
9             if (isupper(text[i])) {
10                 text[i] = key[text[i] - 'A'];
11             } else {
12                 text[i] = tolower(key[text[i] - 'a']);
13             }
14         }
15     }
16 }
17 int main() {
18     char text[MAX_LEN];
19     char key[ALPHABET_SIZE + 1] = "QWERTYUIOPLKJHGFDSA ZXCVBNM";
20     printf("Enter a message: ");
21     fgets(text, MAX_LEN, stdin);
22     text[strlen(text)] = '\0';
23     monoalphabeticCipher(text, key);
24     printf("Encrypted message: %s\n", text);
25     return 0;
26 }
27

```

input

Enter a message: ramana  
Encrypted message: sqjghq

...Program finished with exit code 0  
Press ENTER to exit console.