#include <stdio.h>

#include <string.h>

#include <ctype.h>

#define MAX\_LENGTH 100

int isPalindrome(char str[]) {

int length = strlen(str);

int left = 0;

int right = length - 1;

while (left < right) {

if (tolower(str[left]) != tolower(str[right])) {

return 0; // Not a palindrome

}

left++;

right--;

}

return 1;

}

int main() {

char str[MAX\_LENGTH];

printf("Enter a string: ");

fgets(str, MAX\_LENGTH, stdin);

if present

str[strcspn(str, "\n")] = '\0';

if (isPalindrome(str)) {

printf("The string \"%s\" is a palindrome.\n", str);

} else {

printf("The string \"%s\" is not a palindrome.\n", str);

}

return 0;

}