#include <stdio.h>

#include <string.h>

#include <ctype.h>

int process\_string(char \*str) {

int len = strlen(str);

// Process the first word

char first[50];

sscanf(str, "%s", first);

first[0] = toupper(first[0]);

for (int i = 1; i < strlen(first); i++) {

first[i] = tolower(first[i]);

}

// Process the second word

char second[50];

sscanf(str+strlen(first)+1, "%s", second);

for (int i = 0; i < strlen(second); i++) {

second[i] = toupper(second[i]);

}

// Print the revised string

printf("%s %s\n", first, second);

// Print the length of the string

printf("%d\n", len);

// Return the length or size of the string

if (len < 20) {

return len;

} else {

return sizeof(str);

}

}

int main() {

char str[100];

printf("Enter a sentence with two words: ");

fgets(str, sizeof(str), stdin);

int result = process\_string(str);

printf("The result is %d\n", result);

return 0;

}