int strlen(const char \* str) {

int len = 0;

while (str[len] != 0) len++;

return len;

}

char ToUpper(char c) {

if ('a' <= c && c <= 'z')

return c - 'a' + 'A';

return c;

}

char ToLower(char c) {

if ('A' <= c && c <= 'Z')

return c - 'A' + 'a';

return c;

}

char \* Normalize(const char \* str) {

int len = strlen(str);

char \* nstr = new char[len];

int i = 0;

int j = 0;

//Bo khoang trang dau

while (str[i] == ' ') i++;

for (; i < len; i++) {

if (str[i]!=' ') {

//Neu khong phai khoang trang thi them vao xau moi

char c = str[i];

//Neu dung dau cau hoac sau khoang trang thi viet hoa

if (i == 0 || str[i-1] == ' ')

c = ToUpper(c);

//Con lai thi viet thuong

else

c = ToLower(c);

nstr[j] = c;

j++;

}

else if (i+1 < len && str[i+1] != ' ') {

// Neu la khoang trang nhung ki tu sau khong phai la khoang trang thi them vao

nstr[j] = str[i];

j++;

}

}

return nstr;

}

#include <stdio.h>

int main() {

char s[100];

gets(s);

printf("%s(end)\n",Normalize(s));

}