#include <stdio.h>

#include <ctype.h>

#include <string.h>

// Function to determine whether the entered sequence of characters is a valid record of a real number

// Returns 1 if valid, 0 if not valid

int isValidRealNumber(char \*str) {

int i;

int len = strlen(str);

int decimal\_count = 0;

// Check if the string is empty

if (len == 0) {

return 0;

}

// Check if the string contains only valid characters

for (i = 0; i < len; i++) {

if (!isdigit(str[i]) && str[i] != '.') {

return 0;

}

}

// Check if the string contains only one decimal point

for (i = 0; i < len; i++) {

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

decimal\_count++;

}

}

if (decimal\_count > 1) {

return 0;

}

// If all checks pass, the string is a valid record of a real number

return 1;

}