

Program Design (II)

Homework #1

Due: 2022/3/22 13:00pm (CST)

NOTE: Please upload your C program to Domjudge before the due date and time.

2. (30%) Change_case

Write a program with 3 functions: (1) turn to uppercase (2) turn to lowercase (3) turn to wave string(uppercase->lowercase->uppercase->lowercase->...). Users will input a word and then choose which function to use. The length of the string will be less than 100000. **Do not call toupper() and tolower() functions in this program (If you use these functions, you will get zero points).**

Input Example	Output Example
challenge 1	CHALLENGE
TOBEORNOTTOBE 2	tobeornottobe
ProgramDesign 3	PrOgRaMdEsIgN