

O. Big Add and Multiply

time limit per test: 1 second

memory limit per test: 256 megabytes

Given a number N . Print $N + 9999$ and $N * 9999$.

Input
Only one line contains a number N ($1 \leq N \leq 10^{10000}$).

Output
Print two lines contain $N + 9999$ and $N * 9999$ respectively.

input	Copy
1	
output	Copy
10000 9999	

input	Copy
10	
output	Copy
10009 99990	

Assiut University Training - Newcomers

Public

Participant

About Group



ICPC Assiut community

Group website

Group Contests

Sheet #10 (General Hard)

Sheet #9 (General medium)

Sheet #8 (General easy)

Sheet #7 (Recursion)

Sheet #6 (Math - Geometry)

Sheet #5 (Functions)

Sheet #4 (Strings)

Contest #3.1

Sheet #3 (Arrays)

Contest #2

Sheet #2 (Loops)

Contest #1

Sheet #1 (Data type - Conditions)

Sheet #6 (Math - Geometry).

Finished

Practice

About Time Scaling

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the [link](#).

Virtual participation