Introduction to Programming

Week 07
String

Department of Software Engineering-FIT-VNU-HCMUS

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Content

In this lab, we will study the following topics:

- How to manipulate a string.

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Assignments

A: YY = 01

H: YY = 10

For codeforces/hackerrank problem, you should register an account and submit to codeforces/hackerrank. When submit to Moodle, besides the source code, you should capture a screenshot to prove that your submission is accepted on codeforces/hackerrank.

P01 – REVERSED STRING

Write a program to reverse a given string.

Input

hello world

Output

dlrow olleh

P02 – REVERSED STRING 2

Write a program to reverse words in a given string

Input

Advanced Program in Computer Science

Output

Science Computer in Program Advanced

P03 – STRING NORMALIZATION

Write a program to normalize a given string:

- A pair of words is separated by only one white space.

- No white space at the beginning and the end of a string.

- Each word should be capitalized.

Input

  nguyEn VAN a

Output

Nguyen Van A

P07 – FORMAT A NUMBER

Write a program to format an integer number using comma separator.

Input

1234567

Output

1,234,567

CODEFORCES - P5A

http://codeforces.com/problemset/problem/5/A

CODEFORCES – P8A

http://codeforces.com/problemset/problem/8/A

CODEFORCES – P20A

http://codeforces.com/problemset/problem/20/A

CODEFORCES – P21A

http://codeforces.com/problemset/problem/21/A

HACKERRANK – REDUCED STRING

https://www.hackerrank.com/challenges/reduced-string/problem

HACKERRANK – CAMEL CASE

https://www.hackerrank.com/challenges/camelcase/problem