

## String Exercises

### Uppercase a String

Given a string, print the string uppercased. #string #easy

### Capitalize a String

Given a string, print the string capitalized. #string #easy

### Reverse a String

Given a string, print the string reversed.

### Leetspeak



(For background reading: <https://simple.wikipedia.org/wiki/Leet>)

Given a paragraph of text as a string, print the paragraph in leetspeak. To translate a string to leetspeak, you need to replace make the following character replacements (treat all input characters as uppercase):

A => 4  
E => 3  
G => 6  
I => 1  
O => 0  
S => 5  
T => 7

Example: Leet => l337

### Long-long Vowels

Given a word as a string, print the result of extending any long vowels to the length of 5. Examples:

Good => Gooooood  
Cheese => Cheeeeeese  
Man => Man  
Spoon => Spoooooon

### Caesar Cipher

Given a string, print the Caesar Cipher (or ROT13) of that string. What is Caesar Cipher? <http://practicalcryptography.com/ciphers/caesar-cipher/>

Use your solution to decipher the following text: "lbh zhfg hayrnea jung lbh unir yrnearq"

