

Exercises from: <http://codingbat.com/python/Warmup-1>

1) Given a variable that could hold any string (`someString`), create a new variable `newString` where the first and last chars of `someString` have been exchanged.

Given:

`someString` - could hold any String

2) Given three variables - `numOne`, `numTwo`, `numThree` - that could contain any positive or negative integer, create a new variable `maxOfThree` that is assigned the maximum of the three numbers.

Given:

`numOne`, `numTwo`, `numThree` - could hold any pos or neg number

3) Create a new variable `doIWork` and assign it either `True` or `False` based on the following rule: we sleep in if it is not a weekday or we're on vacation.

Given:

`weekday` - could hold either `True` or `False`

`vacation` - could hold either `True` or `False`

4) Given a string (`someString`) and an int (`removeChar`), create a new variable (`newString`) where the char at index `removeChar` has been removed.

Given:

`someString` - could contain any string

`removeChar` - could contain any integer index location in `someString`

5) Given a string (`someString`), create a new variable (`notString`) where "not " has been added to the front. However, if the `someString` already begins with "not", return the string unchanged.

Given:

`someString` - could contain any string

6) Define the *front* of a string as the first 3 chars of the string. Given a string (`someString`), return a new variable (`newString`) which is 3 repeated copies of the front. If `someString`'s length is less than 3, the front is whatever is there.

Given:

`someString` - could contain any string