CSC108 Recipe for Designing Functions

1.	Example Write some examples of calls to your function and the expected returned values. Include an example of a
	standard case (as opposed to a tricky or corner case.) Put the examples inside an indented triple-quoted string.
2.	Type Contract Write a type contract that identifies name and type of each parameter. Choose a meaningful name for each parameter. Also identify the return type of the function. Put the type contract above the examples.
3.	Header Write the function header above the docstring and outdent it.
4.	Description In the same line as the opening triple-quote mark, put a one-line summary of what the function does. If
	necessary, you can put an optional, longer description above the type contract. Mention each parameter by name.

¹Do not include examples for functions that involve randomness or user input.

5.	Body Write the body of the function by remembering to indent it to match the docstring. To help yourself write t body, review your example cases from step 1 and how you determined the return values. You may find it helpful write a few more example calls in the docstring.	
6.	Test Your Function Test your function on all your example cases including any additional cases you created in step Additionally try it on extra tricky or corner cases. In order to automatically test your docstring examples you contains the containing try it on extra tricky or corner cases.	
	include the following at the end of the file: ifname == 'main': import doctest	un
	<pre>doctest.testmod()</pre>	