

Lab 4: Abstract Data Type Solution

1) Stack review

1. Write a function that takes a stack of integers and removes all of the items which are greater than 5. The other items in the stack, and their relative order, should remain unchanged.
2. Write a function that takes a stack and returns a new stack that contains each item in the old stack twice in a row. We'll leave it up to you to decide what order to put the copies into in the new stack.

Note that because the docstring doesn't say that the old stack will be mutated, the old stack should remain unchanged when the function returns.