CISC-235*
Winter 2020
Assignment 2
Marking Scheme

Total Marks: 100

Part 1: 30 marks

Implement Stack class based on an array
(Python list is acceptable): 15 marks
Implement push operation to increase the size
of the array as required: 15 marks

Part 2: 60 marks

Transform each of the recursive functions into a
non-recursive, stack-based version of the same
algorithm. 15 marks each

Part 3: 10 marks

Brief discussion of the effectiveness of the chosen
technique for expanding the array when full. This does
not need to be more than a few sentences.