

## Homework 8

### Problem 8.1)

- a) The running time for all the operations is  $O(1)$  as there is no iteration or recursion taking place.
- b) Go to Folder "8.2 B"

### Problem 8.2

- a) The algorithm that I have implemented is an insertio algorithm as I have created no extra data structure. Just by having three pointers I have made sure the task is done.
- b) Go to Folder "8.2 B"

c)