

Sheet 4 (ADT Queue)

- A. Implement both array-based and Linked-based ADT Queue.
- B. Using ADT stack,
 - implement a function for calculating the sum of all queue's elements.
 - implement a function for calculating the maximum of all queue's elements.
 - Extract the even values from one queue and insert them into another queue.
 - A palindrome checker: An application that combines queue and stack. This application uses a queue and a stack together –Fill a queue and a stack with copies of letter then empty both together, verifying equality