



Arab Academy for Science and Technology and Maritime Transport
College of Computing and Information Technology

Course	Data Structures (CS212)
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Sheet 5 – Queue

Write a pseudocode solution for the following problems:

1. Swap first and last elements in a queue.
2. Delete the i^{th} element from a queue.
3. Delete all elements in a queue of value below average of all the elements.
4. Extract even values from a queue to another queue.
5. Reverse a queue in place. Use any auxiliary data structures needed.