Assignment03.md 2024-11-09

## Data Structures and Algorithms - Assignment 3

- 1. Create an array of integers. Reverse the array using stack
- 2. Implement circular queue using counter method (maintain count of values in queue and use that count to check empty and full)
- 3. In singly linear list implement following operations.
  - o insert a new data after a given data
  - o insert a new data before a given data
- Optional
- 4. Paperwork: Convert following examples from Infix to Prefix and Postfix.

5. Paperwork: Convert following expression to prefix and postfix. 5+9-4\*(8-6/2)+1\$(7-3)