Data Structures and Algorithms – Assignment 2

Stack & Queue

1. Write a Python program to implement stack and its operations using array (use python list).
2. Write a Python program to implement stack and its operations using linked list.
3. Write a Python program to implement queue and its operations using array (use python list).
4. Write a Python program to implement queue and its operations using linked list.
5. Write a Python program to implement circular queue.
6. Write a Python program to implement deque.
7. Write a Python program to reverse a stack.
8. Write a Python program to reverse a queue.