Course: Data Structures (CSE CS203A, 114-1)
Quiz II: Array, Linked List, Stack and Queue
October 21, 2025, 16:30~17:00

Student Name:
1 2 3 4 5 6 7 8 9
3 - 2 - 1 - 0 - NULL
(4) Queue
0 1 2 3 4 5 6 7 dequeue enqueue
e the mechanism of the function t, node*destination)
ing how the MoveTo function works (you may answer in English or
oles required? If so, explain why they are necessary.
gly linked list to support your explanation.

③ Is there any **variation of a linked list** (e.g., doubly linked list or circular linked list) that can simplify or improve this operation?

Q2:	(40 pts, 10 pts for each) Definition of Data Structures
Defi A2:	ne the following data structures and list their fundamental operations.
1	Definition of "Stack"
2	Definition of "Queue"
3	Preliminary operations of "Stack"
4	Preliminary operations of "Queues"
Q3:	(30 pts) Al Copilot Application
Cho	ose up to two data structures from the visualization list above.
Compose a single prompt (within 300 words) that you would use with an AI Copilot to explore or learn	

advanced concepts related to your chosen data structures.

A3: