

Department of Computer Science and Engineering,
Anna University, Chennai- 600025
CS23302 – Data Structures and Algorithms
Practical
July – November 2026
Year/Sem/Batch : II/III/ N

Exercise: 03	Stack using Linked List and Queue Using Arrays	17 – Jul - 2026

Spot (5 Marks)

1, Imagine a toll gate with only one counter, The following cars are waiting:

TN601234, TN010978, TN453452, TN606116. Find a suitable data structure for the above scenario and simulate the same.

- What is the position of car TN010978?
- What is the position of newly arrived car TN596754?
- Identify the car which gets served first?
- Identify the car which gets served first?
- What will be the next car that get served after TN453452?