

Data Structures

Unit-II Assignment

1. Define the queue data structure. Applications of the queue.
2. What are the types of Array? Explain All types What are the drawbacks of array implementation of Queue?
3. Define Operations on Queue.
4. Write the C program to insert a node in circular singly list at the beginning.
5. Define Link List Data Structure with it's type.
6. Are linked lists considered linear or non-linear data structures?
7. Describe All Operation's on Stack with syntax.
8. Explain Polynomial representation and addition.
9. Define Generalized linked list.
10. Explain Garbage Collection and Compaction.