Phase – I (**Linked List**)

|  |  |  |
| --- | --- | --- |
| **S.No** | **Topic** | **Reference** |
| 1 | LRUCache | [(33) System Design - LRU Cache | LinkedIn](https://www.linkedin.com/pulse/system-design-lru-cache-divagar-carlmarx/) |
| [Complete Tutorial on LRU Cache with Implementations -GeeksforGeeks](https://www.geeksforgeeks.org/lru-cache-implementation/) |
| 2 | Rotate List |  |
| 3 | Merge k Sorted Lists |  |
| 4 | LFU Cache |  |
| 5 | Design Circular Queue |  |

Phase – II (**String)**

1. Longest Palindromic Substring
2. Substring with Concatenation of All Words
3. Edit Distance
4. Shortest Palindrome