Task 8

Concepts

- Arrays
- Linked Lists
- Binary search trees
- Hash Tables
- Stack
- Queue

Task :

❖ Compare between the above data structure types from the following points:
   ➢ Access approach (eg. FIFO)
   ➢ Time complexity in deletion, insertion and search.
   ➢ Space complexity

Recommended sources

CS50 : Lec 5
https://www.youtube.com/playlist?list=PLhQjrBD2T380F_inVRXMIHCqLaNUd7bN4
Note : you can watch any CS50 version (2021..)

Form:

https://docs.google.com/forms/d/e/1FAIpQLSfbylkT7MThsxK7j4EKA7Z7qdYVaxpobkr68BbzpPob34cjng/viewform

Deadline: Monday 24/7/2023 @ 11:59 PM