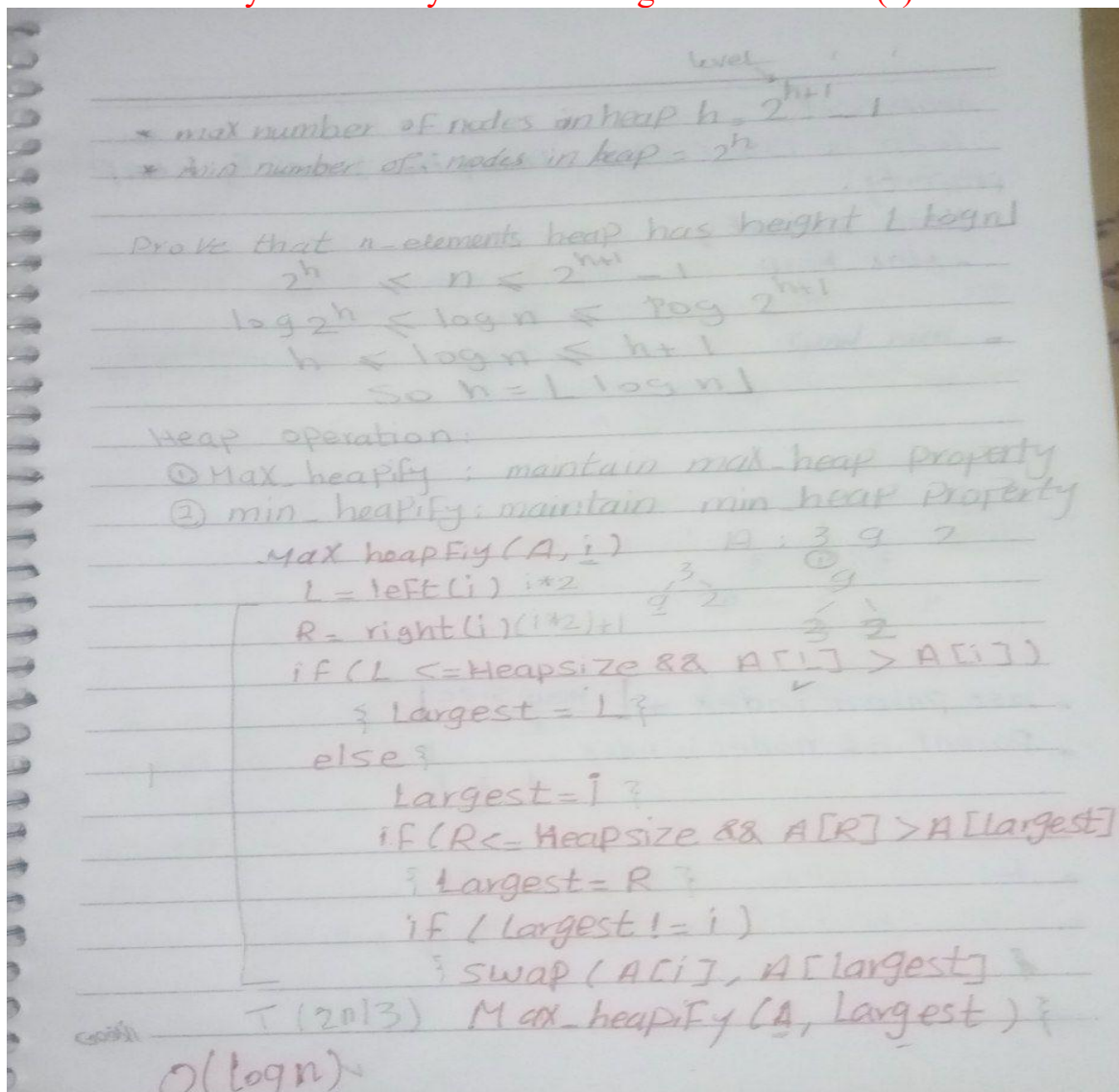


- (i) The following programming assignment measures the ability to analyze and implement Heap-Sort algorithm. You are required to work *individually* in this work.
- Write all required algorithms needed to sort a sequence of numbers using Heapsort Algorithms.
 - Analyze in detail your written algorithms in Part (a).



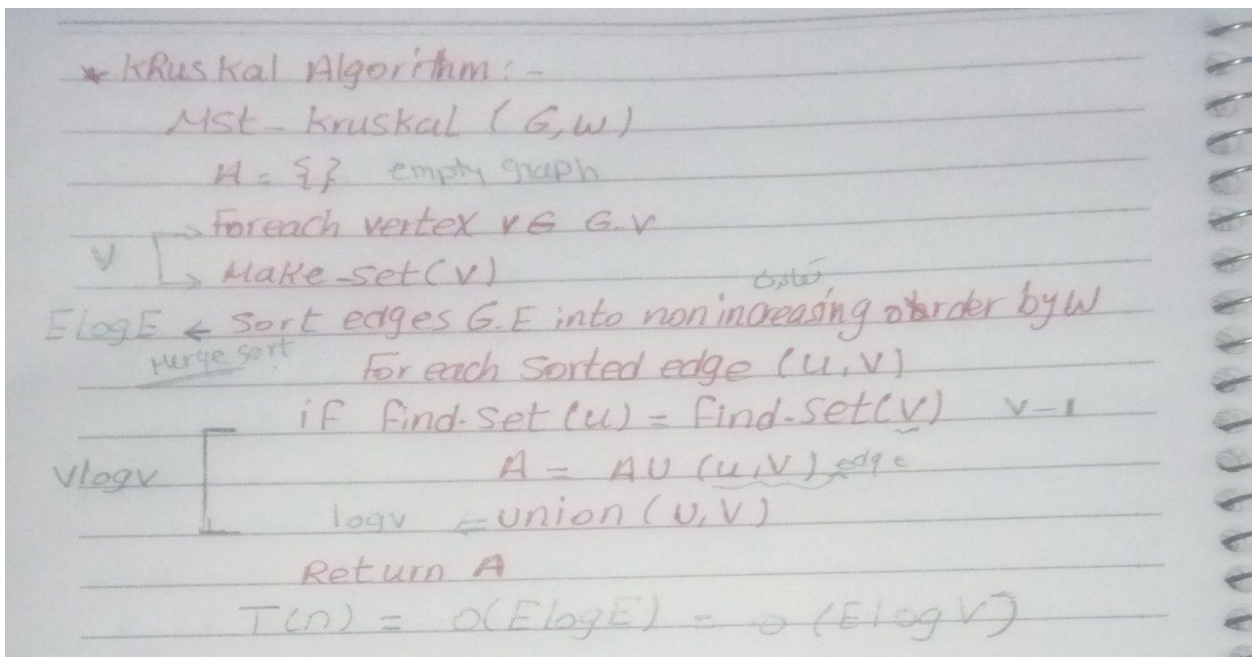
c. Implement your written algorithms in Part (a).

https://github.com/Mariamadham8/Algorithm_Project/tree/main/Algorithms

(ii) The following programming assignment measures the ability to analyze and implement Kruskal's algorithm to find MST of a network. You are required to work with your colleagues in a teamwork (Maximum *Two–Three members*).

a. Write all required algorithms needed to find MST using Kruskal's Algorithm.

b. Analyze in detail your written algorithms in Part (a).



c. Implement your written algorithms in Part (a).

https://github.com/Mariamadham8/Algorithm_Project.git

Any further information will be announcement later