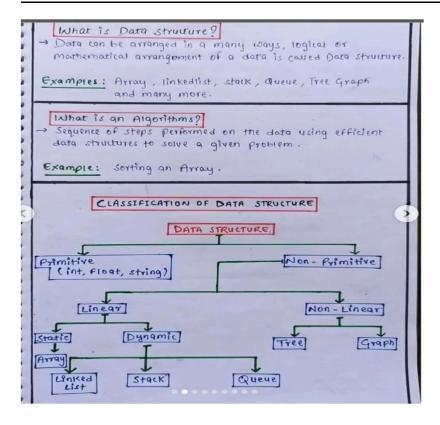
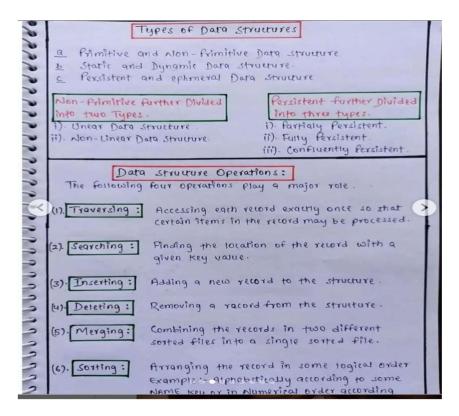
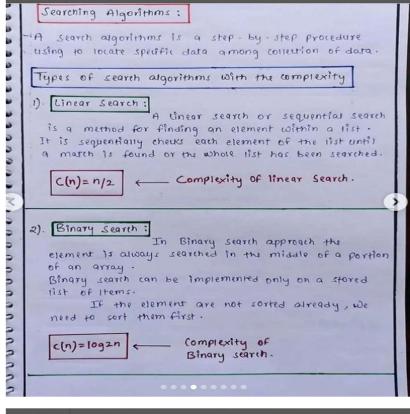
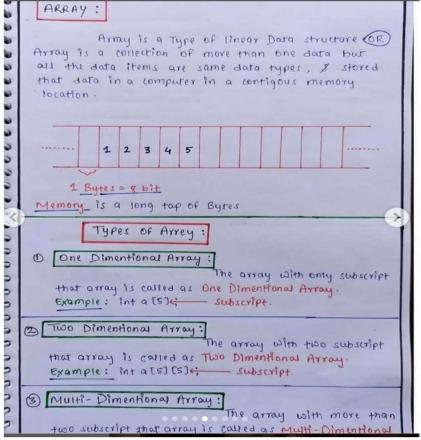
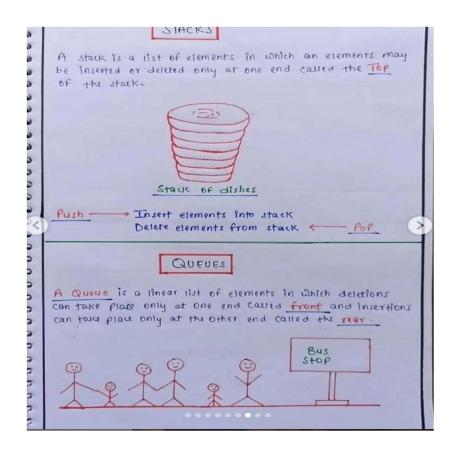
DATA STRUCTURES – HANDWRITTEN NOTES

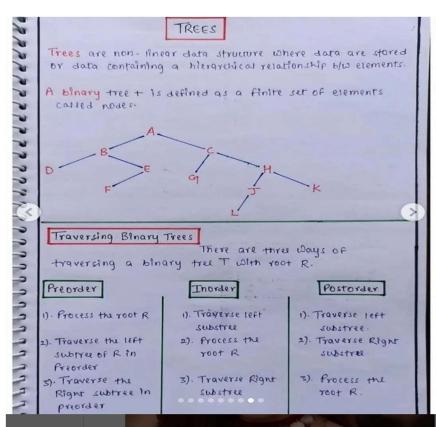












GRAPH

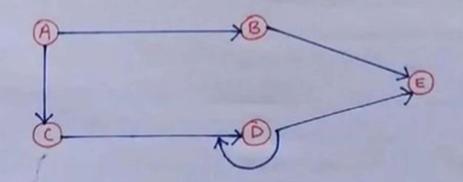
Graph is a collection of two set v and E where,

 $V \longrightarrow Vertites / Nodes$ $E \longrightarrow Edges$

Graph is a mathematical structures that represent pair-wise relationship between objects where nodes are connected with edges.

Vertex Is nothing but the data element which is also known as Nodes

Edge > Edge is a connection link between two verriles



Representation of the graph

- A Adjacency Marrix
- B Adjacency list