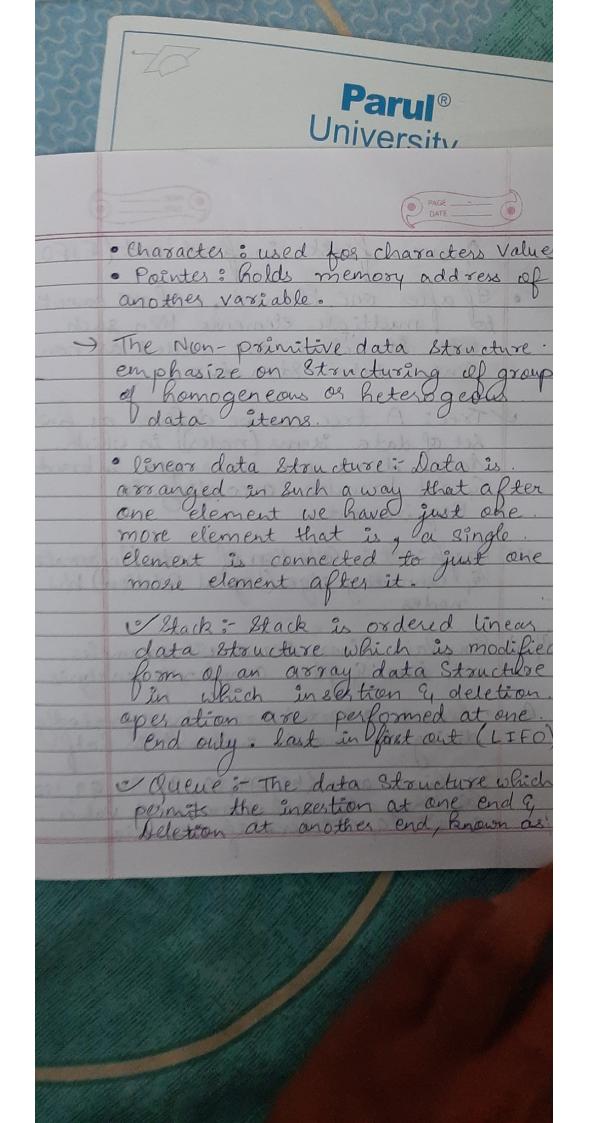


9.3) Enplain in Detail classification of Data Structure. Data Structure A. Non Primitive Data Struct Pointitive Data Struction Siteges Charactes list Array Pointes Point linear Non linear list list Stack Queue Graph allows all values without for Storing.



Queue. first in first out (FIFO) If after one Element, we have connection to I multiple elements then such data structure are called as non linear data Ston clubes of Tree: A tree can be defined as set of data items (nodes) in which data items are arranged in branches according to Requirement. Graph: It is Collection of nodes (Information Ex connecting edges (Logical Relation) b/w nodes: 4) Explain Binary Search with examples with time & space complexity analysis A. . Search a sorted array by sepentedly diving the Search interval in hal Eg fixen arr= 445, 77, 89, 90, 94, 99, 100, See Key = 99 what are mid values in 1st Ja, 2nd level of pecursion

