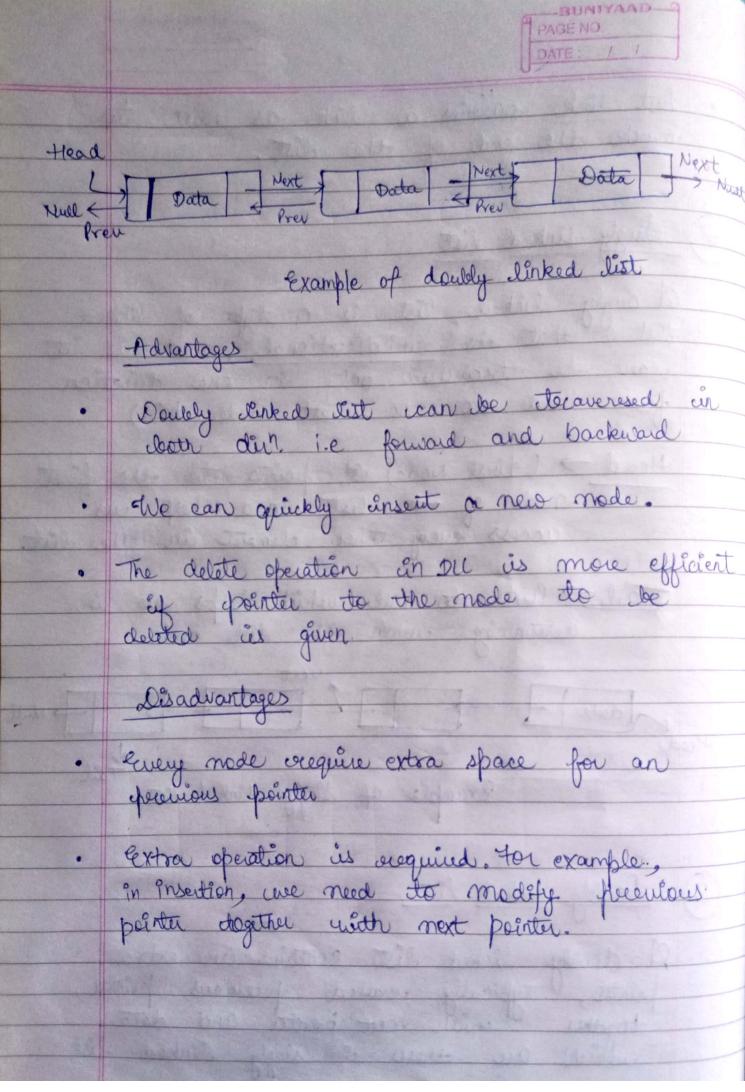
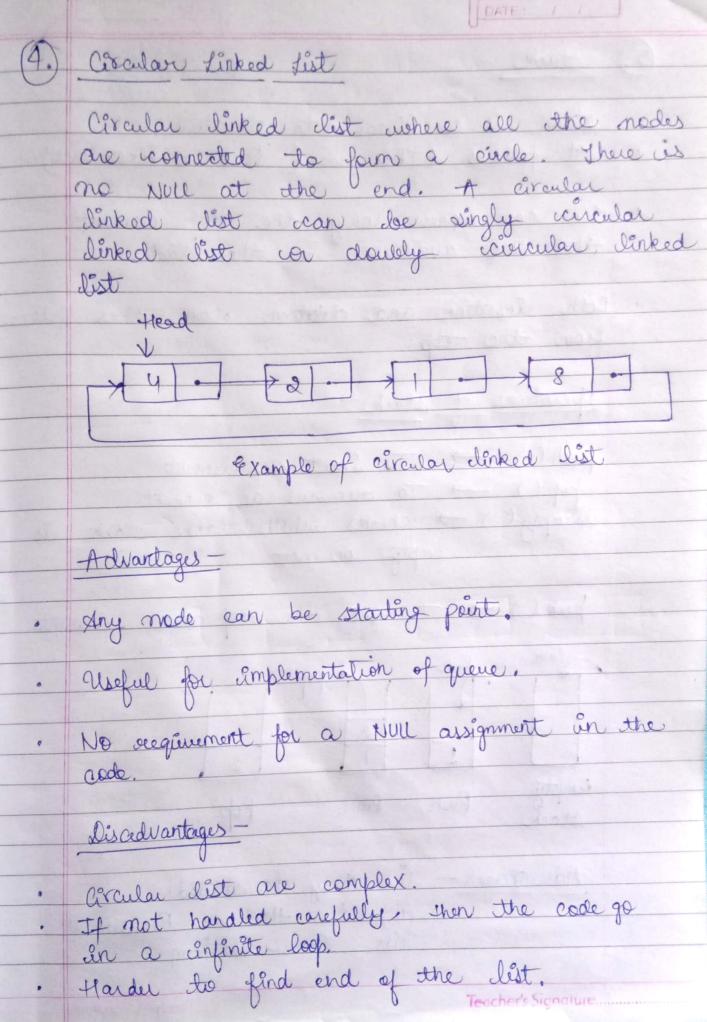


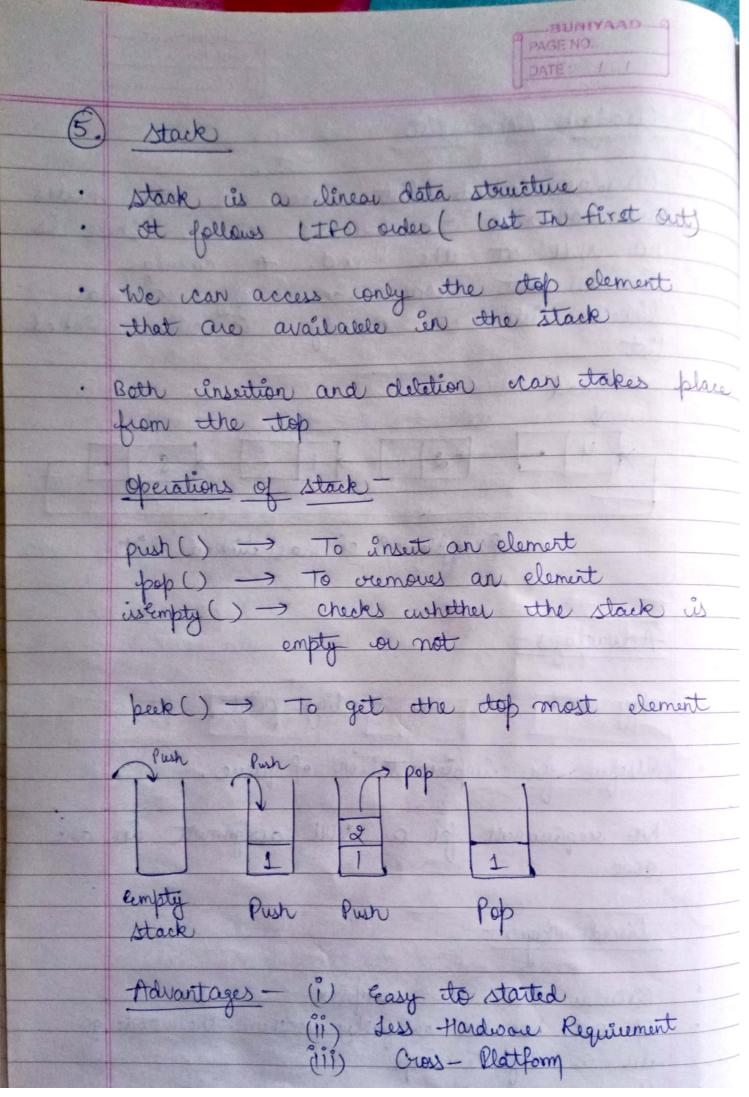
· Last link cravies a link as mul to mark the end of the dist. Singly Linked List I singly linked list is a type of linked that is unidirectional, that is it from head to the last mode (tail). Head > (tirst Node) It points to the first node of the list and help we access every other element in the list. tail > Points to mul which helps us in determining when the list ends data Head Example of Singly linked list Doubly Cirked List A doubly linked list contains an extra pointer, typically called previous pointer, together unith ment poenter and data which are there in singly linked list

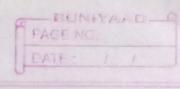
Scanned with CamScanner

Teacher's Signature.....









Disadvantages - (i) not flexible
(ii)
(iii)

Application - recursion, editors, browsers, parsing

6) Quene-

Linear data structure

Hollows first in first out (FIFO)
Insertion is takes place at rear end
Delation takes place from front end.

dequeuel) -> Enset an element dequeuel) -> To viernous an element peckfirst () → it will get the first element pecklast () → To get the last element

Advantages - Maintains data in FIFO marner

Applications -

Scheduling Maintaining the playlist Interrupt Handling

