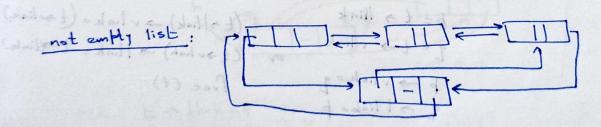


Circular Double Linked List

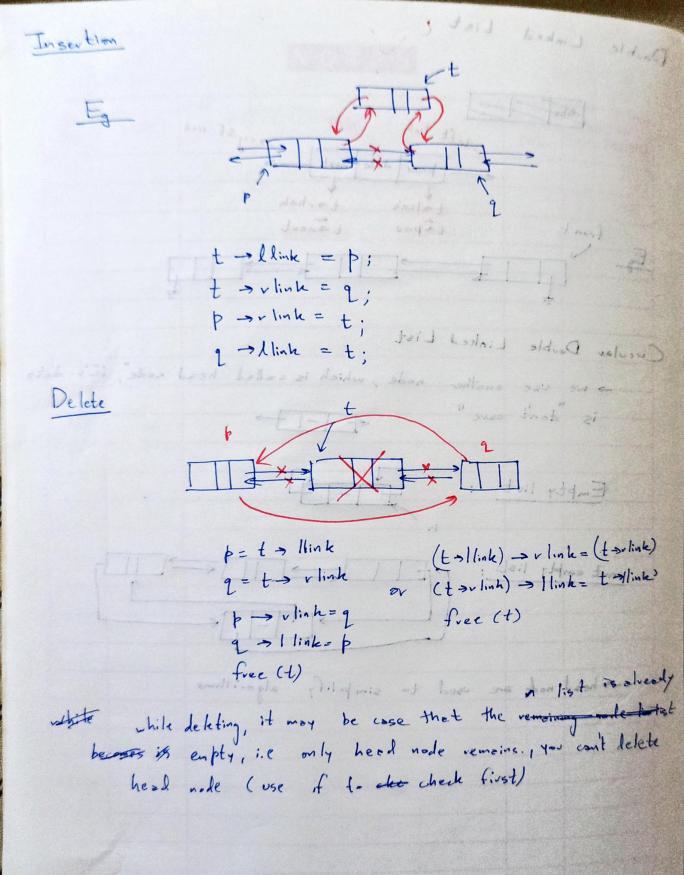
is don't care"

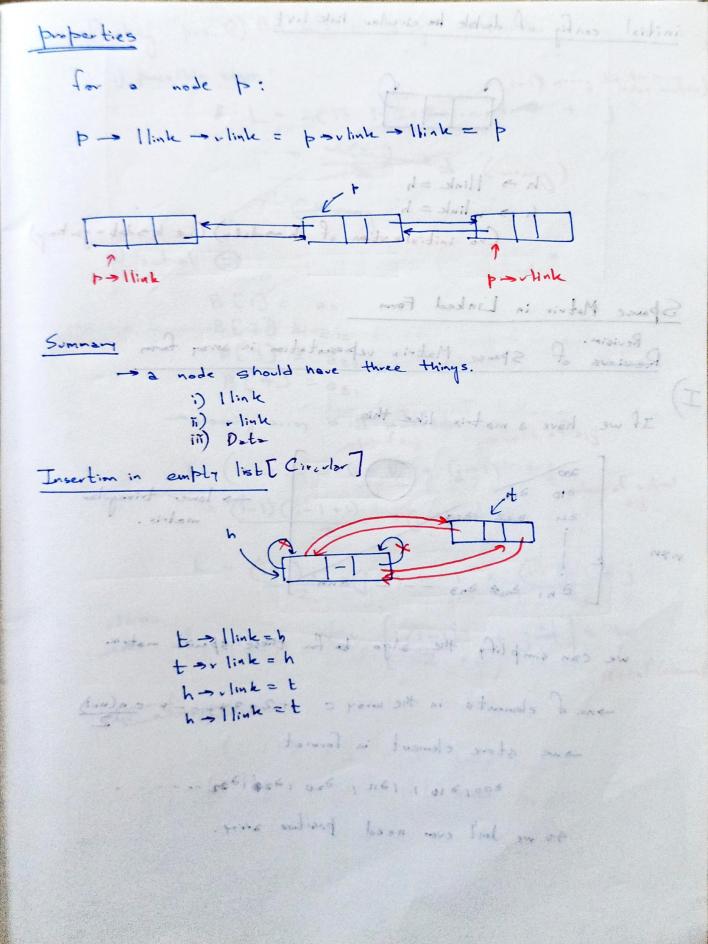


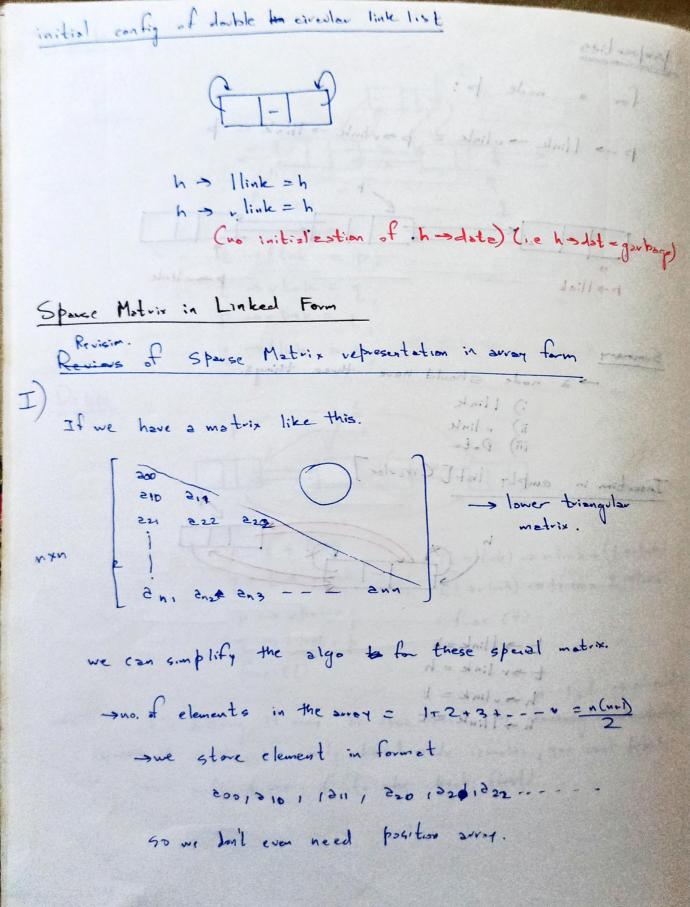


-> head node are used to simplify algorithms

becomes its empty, is mady been made remained for could lebele broad node (use of to show check tiest)

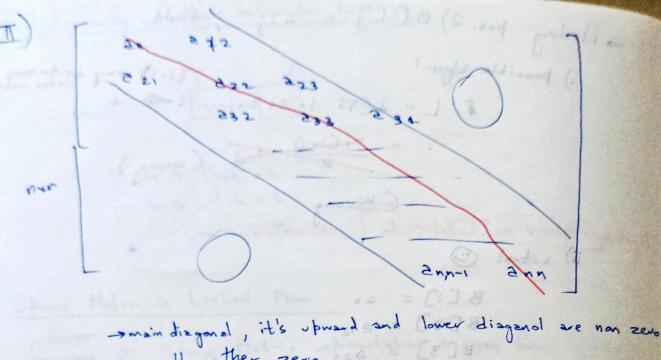






- finding pos. Q) B[L] = aij , find.L i) possible algo: (1-1) wrong due to sevo € L= i(1+ 1+2+3+..... i + = i(in) (wrong) Chrong ii) act-al 🕥 B[1] = 211 ener B (2) = 2 12 and the languis mome B[3] = 222 and 11 B[4] = 03, -> assuming array is 1 indexed sleft of sij = (i-1)(i-1+1) + (j-1) + 1L = (i-1): + (i-1) + 1 = (i-1): + jextress

index of aij = $x + (i(i-1)) + j = 1 \times W$ (5-1) 8 + 5 - 1.5 sand & france) = entities to the state transfer



all other zero

- called Tridiagonal matrix.

$$B[1] = 20$$

$$B[2] = 22$$

$$B[3] = 22$$

-. index of any in B L= [3(:-2)+2]+[(;-i+1)]+1 = 3i - 4 + 2 + j - j + 1 + 2 L = 2i + j - 3 + 2 L = 2i + j - 2L = 2:+j-2 day botasis rdorp bedark no Aday believibro ni € ed = de sin directed proph ed + de Connected graph sony vertex will have at least one path as path between every pear of verifice end t O is considered graph with the of hadianna don as daily water s tores must eservitures.