23/09/2020 KARTHIK VENULOPPL classmate Forthik.V 1811865043 APS LAB WEER 2 WRITE UP mony efficient dat doubly lished list using XOK Prendo lode: Insurt at beginning function insert beg (Node n, int lata) values = navo num = new Node: news -> date = data; newn > npx = n; A (B) NONPX = X if (n) n > npx = XOR (newn, n > npx) n= num. Anxest at End function injurt end (Node n, int late) Node nun = new Nod neun > data = data; ; f(!n) newon - npx=n, n = news;

KARTHIK VENUGOPAL 1B 118 CS 043 23/09/2010 eln Node wir = n Nod prev = NULL Node next; while (xox (prem, www > npx)!= Nus next = XOK (prev, wir > npx) priv = civri, civri = rest; nun > npx = www. 3 mpx = xoxlprin, news). XOK function; function XOK (Nod a, Nod b) & return (Node) (uirtetret (a)
^ (uirtetr-t)(b)).