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ADS LAB-2 : 23" Sept. 2020
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Program: Memory efficient DLL. K. ARUN TEJA 1BM18CSOH1 SA Ved struct node & int dota, Struct node * npx 3; typedel struct node "Mode XOR (Node a, Node 6) 2 neturn (Node) ((vintport) a ~ (vintport) b); inset (Node head, int data) VOID get Node () & Node P = (Node) malloc (size of (struct node)); Node Pi it (b := wall) return P: printf ("Mernory is not allocated"); else 9 exit(0); 3. 3. yoid insert. f Node head, int data) ? Mode newn = get Node (); newn -> data = data; new -> npx = head; if (Neod!= null) [head - npx = xOR (newn, head - npx);

head = newn;

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roid insert - r ( Mode head, int data) ?

Node new - get Mode();

new - data = data;

new - next - Read;

Node cur = head;

Node prev = null;

Node next;

volvile (curs!=null) ?

Next = XOR ( prev, Kenst - npx);

prev = curs;

curs - next;

curs - npx = XOR ( naon, curs);

curs - npx = XOR ( prev, curs - npx);
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