Batch: 1 ADS Lab-1 Write-Up struct node { int data; struct node *xhp; typedet struct node *NODE; NODE YOR (NODE P, NODE Q) { return (NODE) ((uinptx-+)(p) , (uinptx-+)(q)); Void insext front (NODE head, int data) { NODE p = (NODE) malloc (size of (strad node)); p-> data = data; p -> xnp = head; if (head ! = NULL) & head > x np = XOR (p, head > x np); head = Pi void insertend (NODE head, int item) & MODE p = (MODE> malloc (size of (struct node)); p-> dota = item; b -> xnb = MOLL; if (head == NULL) nead = Pi else { NODE curr = head; NODE Prev = NULL, x;

Alkshay S Bharadway

NSN: 18M18CZ011

Abshay S Bharadus

while (curr -> xwp ! = prev) {

curr = xor (curr -> xwp , prev);

prev = x;

curr -> xwp = curr;

p -> xwp = curr;

i

5