Triveni.y ADS laby 18M19CS411
23/09/2920 program 1) program to Implement the An ordinary doubly linked requires space following list?use memory - efficient (XOR) linked list, with the following functions.

(1) Insert at beginning (ii) Insert a newboode at end of list

(i) New node to be inserted at beginning क्टबी क

Node new = get node(); new-> next = XOR (NULL, first); #x24 = Dem,

return firest;

(ii) Insert a new node at end of list

Mode new=detenge();

Ens "curr"

while (curr ! = NOIL)

ARM -> DENT=COLL -> DENT KON DENT XOR worn ?

Current A new->next = curr xor null; corr = new;

return cure;

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