frirant. [BM19(8199 D2 - BATCH 82 11 SOM LAB-6: SINGLY LINKED LISTS IMPLEMENTATION WAP to Implement Singly Linked List with following operations
a) Create a linked list 1) Insertion of a node at first position, at any position and at end of the list. c) Deletion of a node at first position, at any position and at end of the list Display the contents. shuct Node I int data Struct Node *neut push-front (struct Node *) head, int new-data) Struct Node * new-node = (Struct Node*) malloc (Signof (Struct Node)) new node -> data = new data new _node -> nent = to head * here - new_node push end (Struct Node ** head, int new data) struct Node * new_node = (struct Node*) mallo (size of struct Node) Struct Node Plast = ichead new_nude -> data = new-data new nude - next = NULL if (*head = = NULL) * head = New node return;

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classmate

JOEL NINAM JUHNSON 1BM19C3199 Frinary. 23/11/2620 while (last -) next 1= Nuu) last = last + nent lay-> nent = new_nucle push-specific pos (int data, int position) new norde Struct Noole * or = (Struct Noole*) walloc (sized (struct Node)); her-node 'S data = data Struct Noole * temp = head if (position == 1) new_node -> next = temp head = new_node for (i=1; i< porition-1; i++) temp = temp -> nent p newhode > next = temp > next temp - next = per new norde point_Linked List (Struct Noele *nude) usuile (node 1 = NULL) printf(" % od", node - data)

nucle = nucle -> next

	JOEL NINAN JOHNSON	
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1 1000		Date
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	delete front()	
	9	
	struct Node * ptr; if (head == NULL)	
	if (Good == NULL)	
	8 Most	
	prints (a list is Empty")	
	printly live is enjoy	
	else	
	else	
	<u> </u>	
	ptr=head	
	head = ptr -> next	
	foce (plo)	
	3	
	² / ₂	
	ddete_end()	
	2	
	Stouct Node *pts, *pto1;	
	it (head == Null)	
	else if (head -> nent == NULL)	
	g head -> hen- == NULL)	
	lucad - was	
	heed = NULL	
~	free (head)	
	else	
	2	
_	Ptr = head	
	while (ptr -) next 1 = NULL)	
_	<u>g</u>	
	ptr1 = ptr	
	pto = pto -next.	
	3	* //

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"int leave", position

scanf (agod", eposition)

pots = head

for (=0; i < position; i++) ptr = ptr -> next

if (ptr == NULL)

2

Less than sequired element in the list?

3 return; free (ptr)