

	DATE DATE
	ddvantagy of 1
	Advantage of LL
	-> arow and shrink dimanically
	-> non- contiguous
	→ grow and shrink dynamically → non-contiguous → insution & deletion in OW
-	Disadvantag of L
	-> Kandom access not possible.
	→ Random access not possible → need to teavers whole list in O(n) → Need exter space to stole address
	-> Need extra space to store address
	Operations in Linked List
	Pinnet At Hand
44-1	insert of Kend
	insert At Position
	Mark of reality
	- teaverse
	deletion position value
	→ Value
-	4 + A+ 11 - 1
- 11	Insut At Head Now Head insut Attlead (5)
- Harles	insut Attled (5)
-	head +>3 -> NULL USING (Lad C)
	Node * temp = new Node (s)
	temp - rest - head
	temp → rest - head head = temp
	classmate

	DATE
	Insert St Tail
	No de * head
-	insut At Tail (5) 3 = Nux
	5 NUL
	tail-rent = temp
-	Laverse
	11 - a
	11 + 9 + 7 + 5 + 3 + X
	head
	* Never charge value of head unless recessary
	* Never charge value of head unless recessary with use pointer variables
-	The state of the s
	tearcise (head)
	Node * time = head:
	Node * temp = head; while (temp! = NVLL) { cout << temp → data; temp = temp → next;
	cout << temp → data;
	temp = temp -> next;
-	
	Inset At Position (211) XXVIII
	37-x-57- 7-10-120-180-1×
	· I dt lautin (2)
	1. Create a node if (n:-1) insutattlead(d) 2. tenvers k-1 rode if (n:-length) insut AtTail (d) 3. new Node > next = temp - next ader is evigorant classmate temp -> next = new Node PAGE PAGE
	2 tenners k-1 rode if (n= length) insert At Tail (d)
	3. new Node > next = teny - next aderis eviportent
	classmate leng -> rent = rew Node J PAGE

	COLUMN TOWN		DATE	
			THE WALL	OF HERE
	Deletion			
		hadr	Note	
	Delete first node			
	2.40	12	A COMMINISTRATION	1) {
	il (torrit = = ten	$no \rightarrow d$	lata al pos == 1	21
	if (target = ten kead = t temp > 1 delete t	head - n	ent;	
	temp - 1	rent = No	ULL;	
	dilete the	emo;	instational tent	
	1			
			THE STREET	
	Delete middle rode	toil		
150	The same of the sa			
	2001	1 = fan	- next	
	per - nen	1 = N/1/1/		
	per → next temp → next delete temp		Je Nowe Sugar	
-	alle serg			
-	() Il Piched (in	t		
	Doubly Linked Liss		tears [bood)	
	Adday 1	alata	Address A	
	doldren of prev roads	KMM	rent node.	
	1	July 2	A A A A A A A A A A A A A A A A A A A	Mary M.
	A. A. A. A.	-	731	
	4 1 At 112	1	Insut At tail	
	Insert At Mead		snown on nam	
-	. +		con t	
	create new Node -> newt = he	1	ren Nocle → plen =	A -1
	new Vode - new = new	l. l.	new Poell - pilv =	lau
Li.	head - per - new h	10ac	tail - rent - no	
	head = new Node		tail - new Node	
	Car Malagare Managare		Coul and	1
	alle to translation and		the deep to land	4
k	Shirt Waller Shirt	The state of the s	mark the Market of the	
	classmate		PAGE [

	Insut after prev (ang) Create new Node -> next = prev -> next prev -> next -> prev -> next prev -> rext -> next -> prev ->
HIW	Operations Home Work.
	lieular LL
	lieular Daubly LL
	Hemebal
	SLL DU All oparations CLL CD4L
	classmate