DATE Rakshitha. G 1BM17CS 071 23/11/2020 #include (stdio.h7 #include stdlib. h? struct node int info; struct node *link; typedel steut node *NODE; NODE getnode() NODE X: X = (NODE) mallor(size of (struct node)); if (X == NULL) print (" Hemory is full!!\n"),
exit (0); setueno X; void feeenade (NODEX) NODE insert_front (NODE first, int item) NODE temp; temp=getnode(); temp->info=item; temp->link=NULL; if Chiest == NULL) Setuen temp; PAGE classmate

	DATE	
-	temp->link=fiest; first=temp; seturn first;	
	first = temp;	
	Leturn first.	
	NODE delete-front CNODE first,	
		h'
	NODE temp: if Cfirst == NULL)	
	G Chest == NUCL)	*.1
		V V
	fruit ("List is empty cannot	delete!\n)
	printl ("List is empty cannot seturn first;	
		1
	temp=first:	
	temp=temp->link:	
	the list is it is all the deleted for	on front of
	prints ("The item der deleted for the list is: "/-d\n", fiest -> in free (fiest).	40);
	seturn temp;	
	4	2111
	NoDE insert seas CNODE first	inst item)
		The real
	NODE temp, cus;	11 21
	temp = getnode ().	, , , , , , , , , , , , , , , , , , ,
	temp-singo-item;	
	temp-zlink=NULL	3 3 - 7
	if (first = = NULL)	· · · · · · · · · · · · · · · · · · ·
	setuen temp;	
,	me = first;	<u> </u>
	while (cur - 7 link! = NULL)	
	cus = cus -> link;	
	are -> link = temp,	1
	setuen first.	
	MODE 140 DODGE	
	NODE Mus, previ	
	olassmate	
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	Γ .	1	=
	reintl (" 4 term deleted is ded" lises	t ->	
	peint ("Item deleted is " od", firs		
	1800 (lisat): 1		_
	free (first).		
	4		
	prev = NULL;		
	we = first.	t L	
	while Care - Tlink! = NULL)		
	E a series de la companya del companya de la companya del companya de la companya		
	pley = cus;		
	ug = cus - 7 link;	-	
	printf. (" Item deleted at seal sen	dis	ALC: NO.
<u> </u>	'cl. d\n', cus-Dinfo);	,	
-	fell (all);		_
	peer->link=NULL'		_
-	Lettren filst;	4.5	_
			_
	void display (NODE fiest)	-	_
			•
	NODE temp		-
:	pinth. C"List is EMPTY!\n");		7
		0 - tom	_ ^
	for Ctemp=first!=NULL; tem	p - conq	_
	S COVICE	N. J.	_
	printf("./.d\n", temp->info)·	
	1300 E) 5 () , see 1 9	/	
	3		
	void main ()		
	6		
	int item, shoise, pos;		_
	NODE first = NULL,		
	for (")		_
	Classmate		

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	\$
	Deint (11) on
	ma: Ochta li Insert front
	MA: Delete - flont M3: Insert Leas
	peints. ("\n\n1; Insert-front\ n2: Delete-front\n3: Insert-lear\ n4: Delete-rear\n5: Display-list\ne : Exit\n").
	printl ("Faile to the claim)
	Scand ("12/2" allowed in);
	Scanf ("-1. d", e choice); Switch (choice)
	(Lance Course)
	case 1: printl ("Enter Har itam at 1:2 +
	end n").
	Scanf ("-1.d", & item):
	first = insert - front (first, item);
	break;
	Case 2: first = delete - front (first);
	lelaki o da
	case 1: printl ("Enter the item at front- seas and n"): Scanf ("-1.d", & item); first = insert-front (first, item); break; case 2: first = delete - front (first); leak; case 3: printl. ("Enter the item at rear end n"): Scanf ("/- VII & item);
	800 m/ (3/4 d/1) P Than):
	Pilot = insent epo (/ 1 - 1 + ita):
	Preak:
	Scanf C: (e d'11, lettern): bist = insert - slas (first, item); lseak; case 4: bisst = delate - seas (first);
	beeak;
	case of: first = delete _ eas (first);
	likeak;
	Case S: from
	disclosed (Test 1);
The second control of the	Darak:
	case 6: exit (0) i beent.
	default: printf. ("INVALID (HOLE) n'!
-	leak;
-	2, 3'
-	4
	classmate PAGE