

	notion is
and the second of the second o	
	Yord Frednode (NODE X)
	The state of the s
The second secon	Jue (x)
The same of the sa	
The second secon	HODE insent front (NODE jirst, intitem)
	NODE with front CHOISE his hours
	The second secon
,	NOVE temps
	temp = getnoclo();
	temp ? info = item;
	temp - link = NULL;
Name and the same	if Clint == NULL)
	refun temp;
	temp-) link = flrst;
	Siret = temp;
	refurn jirst;
	2 (2011)
	NODE insert-pos (int item pint pos, NODE yout)
	1 100 mod aport 1 mm prosposition
	10.10.10.
	NODE temps
	NOPE provious, int count;
	Int Count;
	temp = get node();
	temp - info = items
	temp - Jelink = NULL;
	if C. first==NULCEEpos==1)
	return temp:
	if (first == NULL)
	prints ("invailabos In"); Neturn jirst;
	refurn birst
	2

if (pa==1) temp-) link z first; Count =1; While Care L=NUZC & & count 1 = pos cur = cur > link; if (count ==pos) prev - link = temp; tempolink = cur noturn just 5 prints (! invailed position item cannot be inserted in!); MODE Insert rear CNODE first, int item NODE very tur; temp = getnodel); temp = info = item; temp = link = NULL: if (yirst == NULL)

teturn temp; aur = cur - lin Cur - link = tamp; return first; VODE dobte-front (NODE first) JODE temp; Cfirst==NULL of (" list is empty cannot delete in"). temp= first;

temp= temp->link;

prints (11 i bom deleted al front-end is = 90d/n);

first-) info); NODE delete year (NOPE first) NODE Cur, preus prints ("list is empty cannot be deleted In"). Cfirst -> link == NULL

print ("item doleted is God In"), first rigo),
free (first);
return NOLL
pres NULC;
Cur - first; While Ccur -> link! = NULL)
prev = cur;
cur=cur-) link;
2
prints C'Item deleted act rear-endis God's
cur-info)
fre Caur Di
prev -) link = NUCC; return first;
return first:
NODE delete-pos (Int pos, NODE first)
NODE previous
interpret
if (first == NULL)
prints ("list is empty connot detate & invalid position (n"); return (first); 3
parising (Mil).
1. L. 1) - 2
ore tour from 3
A La La La La Diagrama Co
if [first -) link = = NU2L & E, pos = = 1)
print f ("iben deleted is yoln"; first sing)
fre (first)
, return NULL;
3 count 213
prev = NULL

PSE/9# 6/17

Cur - fiset: Lyhile: Cur! = NULLE, rount! = pos in = cur > link; prov - Dink - cur - links printf ("item calabed is 40 d h", cur significants (ur): raturn frist; printf ("Invalid position: In") Voich display (NODE Jerst) NODE temp;

if Cfirst == NUCC)

print f ("list ampty cannot display itambil)

por for temp - first; temp! = NUCC; temp=temp

-> link) prints (11 god In) temp sinfo); void main (int iben, choice, pos; NODE forst ENULLS

for Cj. 11/n 1; Insurb front 9: Insurd recur sust At specifical Location In 4: Delete front 1 5 - Relate year 1 6: Delete At spech -ed location In 7: Display - list In 8: Exertises Scanf (11 you 11, & whoice. switch (choice) case: point ("enter the itemat front-end")) frst 2 Insert front Street, item case a: prints (" enter the item at reas-Scanf (11 yod ", & item); first = insert-bear (first, item); prints (" enter of hitem to be inserted of localtion In"). (11 % d 11, Entem) vinty (" enter the position ? [477). and [11 Yod 1), Expos break; Case 4's first = dolete-front (first); case &; first = delete-tuen (first); case &: printf ("enter the position".)+")

int pall display (: esuist Co