	LAB PROCERAM
منا	# include (stdio.h)
bo	# include (stdlib.h)
	alunal and
	if wastnown and also released with the plant of
	int injo;
	Struct node * Link;
); - tour colored to tour of
-	type de struct node * NODE;
5 1 3	NODE getnodec)
	NIDE OF THE PARTY AND THE STATE OF THE STATE
1	INOUE A;
290	i) (n == NULL)
	1 (= 1 1 0 0 0)
	print (" men full in");
1	? exit (0):
142	neturn n;
45	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Void free node (NODE n)
00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
St. W.	1 nec(2); or = long or or or or or or or o
	NODE insert-front (NODE first intitem) NODE temp;
	2 (NONE institute)
1	NODE temp;
-1-0	temp = get node();
	temp->in/o = item;
	tem-> Link = NULL;
عدد	if (first == NULL)
	201

```
print ["list is empty cannot delete \n"); is in in section first;
prentf l'item deleted is ".dln", first sinto);
free (first);
    cur = cur-> link;
   prov slink - NULL;
```

4	W 100 0 100	
	The second of th	La X
	Void display (NODE first)	9
	S asplay Cross	
	NODE temp;	,
	prent ("list empty cannot display items in)	
	prent ("list empty cannot display itens In"); for (temp= first; temp! = NULL; temp= temp-> link)	VI all
	9 (1-10) 7GOW 1 11018 31118 1CM	2
	print ("% dln", tempsinto);	- <u> </u>
11.	STORE STORE TO THE OWN	
2782	3 (IIIM = total 1	
	int length (NODE first)	Sec. 1
	Treatism when	NI.
-	NODE cur;	illa ill
	int count =0:	
	i (first == NULL)	1
	return 0:	de a
	un = irst;	
	whale (cup) = NULL)	
	count ++.	4
		6 H
	cur = cur->link.	
	netwen count;	
	3	
	void search (int key, NODE first)	
2	(NODE Linst)	
	NODE cur;	-1
	1) (jixst==NULL)	$\overline{}$
	The state of the s	-1
	prent ("List is empty In");	
	mpty [n");	

```
netwn;
     print ("Search is unsuccessful In");
return;
   print (" Search successful \n")
NODE asc ( inst ) (inst)
      int temp;
     netwen 0;
else
  while ( prev 1 = NULL)
    ur = prev->link;

while (cur! = NULL) {
```

```
if (prev > info > cur->info) {
   temp=prevsinjo;
  prev-sinto= cur-sinto;
   neturn first;
    clse
  While Cprev 1 = NULL
   cur = prev -> link.
```

	Cun->in/o=temp;
	3
	cwe = cwe -> link;
	" at the second of the second
	prev = prev-blink;
	; c wh
	1 . ("Albertance of white the chair") many
	retwen first;
	3. (Sanit was house
	enean.
	int main ()
	Charles of box can Cattail box about the and a List of hours
	Int iten, choice, count, key, option:
	NODE likst = NULL;
B. C.	s (ox (;;')
	3 1 TIR STORY
	print ("In1: Insert front In 2: Delete rear In 3: Display-list In 4:
	Count i tens In 5: Search items In 6: Order - list In 7: Exit In");
39.1	print (" enter the choice \n");
	scanj ("%d", Rchoice);
	switch (chaice)
	1 (tanif) wolgab
	case 1:
- 9	print ("enter the item at front-end \n");
	scanfly ".d", litem);
	first = insert front (first, item); (a) is
	breaks
	linst = delete rear (finst);
	break;
	case 3:
	display (first);

	Tomazala	Page	6
	stud ()		
	and the same of th	with a plant the year	
	J. A	governor to govern	
	break;		
	case 4:	12 4 1 1 2	
	Count = length (fixst);	s in the list is %.d \n", count);	
	print ("length of item	900 4-10 - 1000	
	break		
	case 5:	coarched (n");	
	print ("enter the it	ten to be searched In");	
	scan [" lod", & key);	\$	
	search (key, jirst);		
	break;		
		(nt main ()	
	case 6:	oxdered -list\n2-descending ordered.	List n"
	print (In 2. ascendery): Hat been character than : (
	scant 4 1. dy loption	LUN- JOHN FAMILY	
	11 Coption ==1)	C (val	
	1	6 3 3	
	finst = asclinst);	70 / 1 / 1 / 1 / 1	
N this	display (first);	word . I allow tweat : Lat") I mind	
inda	and leit women to de adelan	STE FEMAL SE SEARCH STE	100
Lector y let	else	print] (" entex the distalle):	
47	}	Scari (" 70d' Robaice).	
	linst z des (linst)	Gritch (chaice)	
	display (first);		
e 150	asplay (first);	: 6 32 -07	
			11111
	break; boston		
	<u>default:</u>	1 see [[1] ad , & item).	
	exit(0);	lenil) took proof (final	
		None	
	}	10000	
	sieturn O;	dead broom states a serie	
	1	A TAGE TO THE TAGE	
$-\parallel$		12.040	
$-\!$		128 3:	
$-\!$	P. M. I. S.	display (Limit)	