```
week-6
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```
#include cstalib.h>
# include cstdio. h
 Void Cheaters's
 void display coi
 void detate-frant();
 void delete lasta)
 void delete_at_ node cirtl's
 struct node
int doto;
 stauch node * next)
9.5
struct node * hand=NULL')
int moine)
 int choice, ele's
Paint + C"In1. ( secto In2. Display 13. Delete of Fish In4. Delete
        from end Ins. De leto particular element Inb. Exit In")
PAINTE ("IN ENTER YOUR choice: ");
scent (" 1.2", &choice)'s
Switch (choice)
Cose 1: (reate (); back)
cose 9: display (); beat's
Case 3: delete front();
 back's
cose 4: delote - lestes;
coes: paint ("Enter he Element to be deleted \n");
```

```
scenf ("18.1.d", Rele);
dolete_ ot_ node (cle))
 Paca K.1
default : exitio);
gwhile (choice == 1 //choice == 2/1 choice == 4//
2
 retuano's
 void (geotec)
 struct rode knownood, ktemp;
Newhode = ( 1 - Ruct node * ) malloc ( side of ( struct node ) )
paintf(" enter to dota: ");
 sconf ("1.1.d", bitam);
neunode => dota = i km')
if ( had == NULL)
 Newrode -> next = NOLL')
 head = newrode;
 PRINTAC" Node Checked In" );
4
8/18
E
temp=heod's
                          1013 dris observate
while ( tomp-> next t= NULL)
 3
 temp->rext= nownode;
newhade -> next=NOLL',
 PRINTA ("Node ( sected / n").
3
 y
Noid delete_front()
5
```

```
if ( head = = NULL)
Print+ (" Empty list. cont delete In"); setupn;
head = head - snext j
elso
4
Void delete _lost()
£
Struct node * temp;
if ( head = = NULL)
 Printe (" empty 1114. con't delete In" ) jactuan;
3
4
Clse
temp=hecdi
while (temp->next->next]=NULL)
 2
Print+ (".1.d", temp-> dote))
temp = temp - > next's
temp->next=NULL's
 4
 3
void delete_at_node (int ele)
3
 struct node * temp, * del=NULL-
 if (head == NULL)
  paint & L' Empty list. con't do letern's
 2 etuan's
  temp=head;
```

```
if ( hood->doto = ole)
 head = head -> next)
 return'
while ( lemp -> next ! = NULL)
if (temp->next->data ==ele)
 del = temp ->next')
 if [del-) next == NULL)
 FEWB- - SUEXF = NOFF!
 erse
tenp->next; 2e1-> next)
 3
6/16
 temp=temp->next)
if (del == NULL)
paintfl" Element not found in the list \n" J;
detudo",
 4
 4
void display()
 struct node * ptg=NULL;
 pla = head's
 if (PH == NULL)
  brint C, list subtailily,
 3
```

```
else
while ( ptg! = NULL)
Painta [" 1.2", pta->dota)
Pta=pta->nextj
```