```
week-9
# include cstdio. h)
#include astalib. 4)
Struct node
5
  int dotois
   stauct node * rext )
   Struct rode or ple 0)
3:
Struct rode + head = NULL;
Void insear begal
٤
  Stauctode *new, racks;
  VenTuey = (Notat voge #) molloc ( 2550 of ( 24201- weed))
                                   ( 7x501- (-1)
  painter" Enter he item In");
  Scort ("1.2", Ir new. node -> dote)
   Ver-voge-Duck = NOTI
   new node -> paer = NOLLY
    if [ heed == NULL )
      else
      £
         newnode-Snext= heads
         heed -> prov= new_node;
          heed = new_nade;
       4
     4
```

```
void delc)
3
  Struct rodo + temps
   Inteley,
  if ( hecd == NOLL)
    bajutar, embth pirt /y).
   getuan's
    Paintfl'Enton the elmont to be deleted in'll's
   Scort ("I.i.d", beled)
     temp=heed)
    while Ltemp->dete 1 = ere)
 {
   temp=temp->next)
   it (tomp== NOLL)
   5
    Printfe" Element is not in he list In');
    backi
    b
    4
    it (temp == head)
    2
      head = head -> next >
     4
      Glie it (fewb-> vexp=NOTT)
     £
        temp = temp -> paev;
        temp=) next = NOLL
      g
     eise
```

```
5
   temp-spacu -> next = temp-snext)
    temp -> next-> prev = temp-> previ
  4
3
                         Casar eshand
void display()
£
   Struct node * temp;
                                      1 neotas
   temp= hood's
   while (tong & = NOLU) of down on soll soll &
      Paint+ (1.12/1, temp-) dotal)
   5
       temp => temp->nexti
     5
    Print+("~ n")
                              ( 1x50 C - ( mod = 900)
4
                              ( DJO 1/1 = = (pent) 1
int maine)
5
         a sure l'atellit od ni for il tomoly " 19/100"
   int choice's
   whileci)
   £
      PRINTAL" 1. Insent of he bag \n")
       paint+L" 2. Delete In" ); bash = grat
      paint+ c" 3. Displey 1 n" Jy xor (-bood = bood
       painte (" 4. Gxitin")
      print+L" Enter Your choico 12/13/
      Scanf (" 1.d", frahaice);
                          ( 600 C - 900 + - 900)
      Switch ( Charce)
      3
          case 1: Inseat - beg () i bacoti
          cose 2: del (); bacolo;
           comes: displayes; breck;
                                     9219
           case 4', exit (0)
      3
```