```
1.) WAP to impliment doubly link list with primitive
 operations.
9 what double linked list
6) Insert a new mode to left of node
c) belete the mode based on specific alue.
  #include < stdio. h>
 #include < Stdeib. h>
 Struct noch ?
     stuct nocle * next;
     int data;
      Struct næde * prev;
         the late that a bank or a
 Stewer nocle * Stout = NULL;
 Stewer node * alecte-le (Stewer node *);
 struct made * insert before (struct mode );
 Struct rock * del-specific (struct rock*);
 Struct mode * create le (struct node * start) {
     stuct noch * numocle, * etr;
      int num; and the formation of
      Printf ("Enter men -1 sto end");
      printf ("Enter a value: ");
      scarf ("el", & num);
     Wile (num!=-1){
           if (start = = mull)
            nuvenade= (struct node*) malloc (sizely (structhode)
             numed -> plev = NULL;
```

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the representation of the second second
  runadi > data = nus
 new node - never = mulling ? ( )
  Start - numodi;
                         LAKER THOURS E- NORTH DIE
  else
                     ENION EXTENDED E MOMENTA
      eta = start;
      reurode = (struct node*) malloc (size of (struct node));
      nurvous - dotta = nun;
      While (ptr -> great!= NULL)
Ptv = ptr - neact;
   : (" : 2) Stolele 2d not : successor ( Later ? ) Advidge
        Ptr - neoch = neumach;
       numoch - Dun = pt);
       neunoch - neoch = MLL;
        E Hender Madel
    Printf ("In enter the data: ");
    scary ("/. d 'snum);
     - I ( galdon = Interto = vig) eliker
  Sutur start;
     - Hours - 16 to = Hours - wile - 16to
 Struct noch * insert before (struct noch * stort) ?
      struct noch * ptr 3 newnode;
      int num, vali ; and ale media " I de l'
      paint (" Enter Ite data: ");
      scarf ("1.d", snum);
      printf ("Enter the value before which data is inserted: ");
         a ( " w . " . 1 . m ) .
```

```
neumoch - data = num;
                               a grown smith to the property
        pta = steat;
                              333 1000 - 30000 6-332000 C-332000
        While ( pets -) data ! = val ) {
                                  Willamore Hent
            ptr= ptr > neoct;
        numode - neot = pti
                                  i-trata = 1/49
        nurach > pur = ptr -> pur;
ptr > prew -> next = newnode;
        ptx > prem = neumodi;
         Detwen start;
        stuct mode * del specific (struct mode start ) {
print ("Enter passines to be deleted: ");
            scarf ( "%d" 1/2 me);
            if ( start = = NULL) {
                 printf (" LL is empty In");
                  liture start;
            else { sout woode * prec;
                pto = start; (mand b.)
                while (Ptr-) data! = value)
                      ptr = ptr - near; y
                 ptr->per->near = ptr->neor;
             ptr + neoct + prun = ptr + plu;
                  free (Ptv);
                  Print (" value deleted");
                  return istable:
                     Canna E. M. " ) Anna
  al" Tartico con air sois Atthis excelled rules still restat ") Hills
```

Illebon Truste) par in Jord Ivan (# down to the) - down course

Void main() § manager of garden (1 it choice; Printf (1: aleate LL In 2: Insert node on lyt In 3: insert nos delete node at specific position); while (1) floods it chapter the closer of 1) with printf ("Enter your choise:"); Jahara tueta. vscart ("°1.0d") & chaire); stitch (chaice cose 1: start = cerete ell (start); break; cope 2: start = insert ligh (start); about tructo break; Miner & about Hucto case 3: stort = del-specific (stort); break; Mis = wholened by dejault: exit (0); - Baltema Craville at by the tenor " chall tructe. I treated in John tructs. 7 (1 vula = = 4 mas) 7; (attable haldstages acolde 6 (attabas Joos Saints) 11 (otal . 41) = 40000 - 4000i = 410 = 4000 ; (ation + Line = throng = ation) 11 and towns made the