```
// Program to create, duplay, and (Inked lists)
  #include (stdio. h)
  #include < stdlib. h7
      void create ();
      Void display();
       Void deletyport (7)
       void dute-last();
       Void delete - at node (Int);
    Struct Mode
     3
         Struct node *next;
      3;
     Struct hade * head = NULL;
     int main ()
           int choice, ele;
            printf("1. Creakln 2. Diplay in 3. Delut jix in 4. Delete fromend)
           do
                      5. Dute particular eliment In 6. Exit \n");
            printf(" enteryour choice \n");
            Scarfly-1.di, &choice);
             SwHeh (choice) - 1 Mg) stores
                Care 1: Create(); break;
                care 2: display ();
                            break;
                 coue 3: delete-front ();
                         brak;
                  Cone4: Lette last );
                           break;
                   case 5; prints (" enter element to be deleted ) n");
                           sanf (" . / 1", coli);
                           delik - at _ node (de)!
                           break;
                   dyant: ext(o);
          3 lohile(choire = 2) | choire=2) | choire=23) choire==4 | | choire=25)
       return 0;
```

```
Void create ()
2
     Struct node * newnode, *temp;
      int Hem;
     newnode = (Anet adet) malloc (sped (smethode));
     printf(" enter the data");
     Scanflo-ld", sitem);
     newhode > data=idem;
      If Chead = = NULL)
              hewrode -> next= NULL;
              head = newnode;
              printf(" Wodecreated \n");
         elle
                 temps head;
                 cohile (temp = rext ! = NULL)

}

temp = temp > rext;

temp -> rext = new node;
                   heronode -> next= NULL;
     3
 void
        cllete_front()
       if Chead == NU(U) brug to trund ") that
        che
            head = head - next;
  3
Void delete_last()
                                   : JJULY = THE LIGH trude
      Struct doch +temp;
       f Chad == NULL)
             printf(" list empty \n"); " y your and offere
       elle {
                temp2 head!
                while (temp-) rest > rest |= NULL)
                     } temp = temp > next;
               2 temp -> Next = NULL,
```

```
Struct node * temp, *del = NULL;
        dute_at_rode (int ele)
Vold
         if ( mad = NULL)
           E printf(" list empty m');
                beturn;
          Temp= head;
           If (head-)data == ele)
                  ٤
                                         wold "Ithin
              while (temp=next]=NULL)
                   if (temp-) next > data = = ele)

{

dul = femp-) next;

if (dul-) next == NULL)

temp=> next = NULL;

else

temp=> next = NULL;
                   elie
                     femp = temp > next;
                 3
              if ( del = = NULL)
               2 mintf(" Element not found \n");
     3
                                  frenched = but
 void display ()
Z
                                             Silete - last
        struct node of the = NULL!
         ptr=head;
         J (ptr == NULL)
               printf("(Ditempty In");
                compre Charl= NOM) : my din
                 Printf (" . (, d ", ptr-data)
                   2 parz patr > next;
         printf("Th");
   3
```