```
Il Programto sort & revene agina linked lost.
 void createll;
  void display();
   void sort();
   World reveru(1!
    Shuctuode
     2 int docta;
       Structuode ouxt;
   Shut node *head=NULL;
  intmain ()
     int choire, eli,
                           Ole ? where ( Artifically)
      do E
       printf("2. Create 2. Display 3. Sort 4- Revene 5. Exit \n");
       mintf ("entry your chort");
       Switch (choire),
               Care 1: Create(1, break;
               raiez: display (1: break: bon hurt
                Caus: sort(); break!
                Care 4: reverse []; break; bood april
                dyamt: exit(0);
      3 & while (chore == 1 || chore == 2 || chore == 3 || chore = = 3 || chore = = 2 ||
                      les (gen temp; first Make;
Void create () who find > other
 3
     Smeet node * neurode, temp:
       ind item;
       Newmode = (smet node+) malloc (sq. of (smeet node));
        foopindf ("enterdada");
         Scanfil"-(.d, Sitem);
                                                 Franker Wolf
         humode -> data= iden; (notre tarion) delas
         if Chead == NUCL MARK-MARK
               hewhode => next = NULL
                 head = newnode;
                  horasfly Node created In'i);
```

```
die 3
                temp = head;
                while (temp-)next)=NULL)
                    temp=temp=>nxt;
                temp -> rext=new mode;
                 Newhold -> rext = NULL)
         3
    Void display()
  3
         shed node " fit = NULL;
           ht= had;
                                    Add Mad - Nell,
            if (ptr== norr).
              , privof (" emply");
                                           thoise, the
           che z
                  while (ptr/=NUIL)
                      } printf('/d", pto-data);
     3 3 ptr=ptr->dotapext;
      3
                                            of the interior
 void son()
                          Caros & Cherita ) , Burk
          struct node stemp, optr, pr2;
            inda;
            tamp= head; word, () moust . 123
             ptr= head;
            for (temp=had; temp!=nul; temp=temp=nxt)
                 for (ptr=temp; for!=NULL; fr= ptr-> next)

{

(ptr->data < temp->data)

a=-temp->data;

temp->data;
                              temp->data=por->data;
                        33 3 par detazas
                      Auctoria ( Short P. U. ) Modle ( Block
void revower)
3
       struct node "prev = Nou, current > head, " next = Now,"
       while (current 1=NULL)
            2 Next = current - ) Next: (1) (1) ... hours
               aiment 7 rext = prev.
                prev = cervert;
                          externs whole it them
            head = prev;
```

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```
I Concatenation of two lot by local pointers.
 #indude (HOUTO. L)
  Shutaode & Intdata,
                Struct node * rext;
  void create (street node ");
   void display ( smeet node );
    void concat (shuet node", shut node"),
 int maine
        shuet node heads=NULL, head 2= NULL;
         Create (Shods);
         Create (Thead 2);
         Concat (head 1, head 2);
                                         11 1 200 1
           display (heads)
 Void create (Struct node "Aptr)
3
    Smut node * new node, * temp;
     int items choice=1
    do { newnode= (sneetwode*) malloc(sneoj (sneetwode));
           print f(" enter data");
            Scanflu.1.d, eitem);
             newwoode -> dota = item;
             numode -> next = NULL 3
              printfu Do you want to add elevet to lit ( ) youar 1);
               scanf (" T.d", & choice);
             i) ( *hpr= Nou)
                    *hptr = new mode;
           du { temp = "hptr;
                      while ( Jeap -) next ! = NULL)
                               Jemp = temp > rext;
                       temp -) rext = heronodi:
                      newhoole -> next = NULL:
             3 whi (chare = =1);
```

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Void concat (smuet node + Jemp 1) Shut node teny 2)
   cohile (temps >next)=NUK)
                                       1000
3
         temps = temps => next,
     temps anext = temps;
  3
   void display (street noch of ht)
  3
        if (ptr == NULL)

printf (" nothing to print");
        che & while (ptr 1 = NULL)
           { printf(" /d", ptr-)data);
                   por= ptr-) next; Eboul ) its
          prostf("\n");
                            Mad ( hod 2 , hods)
                                Suppley ( heads);
                          ( ridy but now " Whit)
                         the sport of the
        ( marked) = ( med pa do ") medler so " medhed) );
                             Lang It Style Got a
( the sour forder was elen the or of the ford)
                      Hand I' The fill of by
                     spipe mound
             Court fort fort 8 mb
```