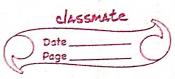
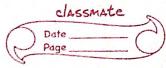


| 76) | Singly linked list (sort, concatenate, reverse, display) program |
|--|--|
| | |
| | Hinclude < stdio. h > |
| | #include <stalib. h=""></stalib.> |
| | void sort (); |
| | void create1(); |
| | void reverse (); |
| | void create2(); |
| | void concaterate (); |
| in the second | void display (); |
| | struct rode & and william (Taban & day) almost |
| | int data; |
| | Stanet node *rext; |
| The state of the s | Fig. 11162 - Jan Kan Shine See |
| | struct node *head = NOIL; |
| | struct node thead 2 = NULL; |
| | int c; |
| | int main (). { |
| | int choice; |
| Karana and American | do & Carina de Landa state |
| | printf (" In 1. Greate In 2. Sort Linked List In & Reverse Linked List |
| | In 4. Concatenate two linked lists InS. Display InG. EXIT'). |
| oble, me | prince (Chies going autority) |
| | scanf (" /od" , & choice); |
| | Switch (choice) { |
| | Case 1: (reabe1 (); break; |
| 1.0 | Care 2: Sort (); brock; |
| | case 3: neverse (); break; |
| | Care 64. Caeate 2(); seates |
| | Concatenate (); bleak; |
| | Case 5: display (); break; |

Case 6: painty (66) ~ <---- Exiting the program ---- > \n'?); brooks John men many many to the barball place (8 Ludrile (choice != 6); void (seated () { struct node * neumode; stant note node * temp; paints ("Enter integer:"); scanf ("%d", bs); reunade = (struct node *) malla (size of (struct node)); nemode -> data = s; A . I sant about 15 to if (head == NULL) { neunode -> next = NUH; head = newnode; - 11011 - hour than the printf ("First node of linked list (realed In"); Felse & temp = head while (temp-) next != NULL) temp = temp > next; temp -> next = newnode; neunade -> next = NUL; C++; printf ("NODE created In"); und sevesse () { stand node * prev = NULL, * current = head, * next = NULL; while (werent != NULL). { next = warrent > next;



```
assent > next = prov;
 prev = current;
 head = prov;
paint ("The list is seversed successfully!! In");
 void display () &
 struct node *pta = NULL;
 pita = head;
if (pta = = 80 NULL)
printf ("Nothing to print \n");
printf(" in Contents of the Linked list in ");
 while (ptx! = NULL) &
 printf ("30d It ") pts -> data);
pts = pts -> next;
printy ("In");
void create2() {
struct node *newnode
struct node *temp;
printf ("Enter elevents to the secons linked list 2 (n?))
printf ("Entos integes: (n1);
scanf (66 2) od 17 , & s);
reunade = (struct unde *) nallor (size of (struct node))
newnode -> data = s
if (head) = = NULL) (
```



| | | Classmate Date Page | 1 |
|-----|--|---|---------|
| san | Struct node * 1pts = NULL; | | |
| - | if head == NUI my and maid and til has | ق الإيرال لدا | |
| | sotien; | 00 | |
| - | do E | alter V - in the | |
| | Swap = 0; | 3 miles de la constante de la | |
| - | Ptro = head; | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | | Law Street | |
| | if (pts1 -) data > pts1 -> next > data) | Delation | |
| | 2 | Agit they | |
| | int temp = ptx1 -> data; | takut liev | |
| | pts1 -> data = pts1 -> next -> data; | CH Parakt | |
| | pts1 -> next -> data = temp; | - 1 - X | |
| 2 | Swap = 2; | the state | |
| | 3 | IN YED IN | 0 |
| | pts = pts1 -> rext; | 17 40 12 | |
| | 2 | M. 5 3/1 | 129 |
| | 1-pts = pts1; | in Thomas in | E-state |
| | 3 | - 1 | |
| | While (swap); | | |
| | 1 | Alaka Alaka | |
| | | 27 3 Jan | |
| | The second secon | 531 4 14 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | | 15 m | 7 |
| | The state of the state of which is the state of the state | | |
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