29-01-241 @ Single linked list sort. struct mode f void sort list (struct Node * * head) Struct Node 1 current, * next-Node; int temp; current = *head; while (current 1= NULL) nextNode = current -> 740 xt; mplie (went node i = NNTT) it (current -> data > next Node -> data) temp= current-7 data; current -> data= next Noce -> data; next Nod -> data = temp; 4 nent Node = nextrode -> n ext; current = current -> next; 4

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@ & lingle linked list-concatenation
f truct Note & Concatenate Lists
       (Struct Mode * List 1, Struct Noder
  8
     if (list1==NULL)
         return list2;
   Struct Mode & curren t= list1;
    while (current -> ment != NULL)
       wovent = current -> next;
     current > next= list 2;
     return (1951)
fingle Linked list-reverse 18661.
void reverse list (struct no de ** headle
   Struct Node * prev, * Current, * menthode;
    prev - NULL;
    current = *head Ref;
   while (turnent 1=NULL)
   nextNode = current -> yeart;
   current ->next = Previ
```

y * head Ref = Prev; @ Stack implementation using single tinked list. 1. Infert in list 1 - Infert in list 2 - 3. sort 4. Reverse 5. Concatenate 6. Print 9. Reverse Olpa Enter choice : 1 Enter data: 3->4 5->81->NULL Enter Choice: 2. Enter data: 6->7->8-7 NULL Enter dot choice; 3. list 1 Sorted. Enter choice : 6 1->3->5 -> NULL Enter Choice: 4 list 1 reversed 1->5->3->NULL Enter choice: 5 concatenated Enter choice: 6 3->5->1->6->7->8 -> NULL

Curve nt = neverode;