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wap to implement doubly link list with primite operations: a) creak a doubly linked list.

b) Insert a rienancele to the left of the mode et Delete the nock based on a specification Hirclide «stdio.h) etnect node? struct mode + next; 3. struct roole & prev; struct made & head: 0, * neumade, + temp', void create() Entern; Manhart qui gala printf ("Enter the no. of elements: (n"); canti eld' 8n); for (120; (ch; 144) { neumode: (struct node ») malloc (sixe of (struct not)) printf (" finter the old element! In", "+1); scanf ("1.d", 2 new nocle +data); nevnode -> prer = 0; nendrook > next = 0; ? f (head ==0) { tempshood=neronodo; } else in any on the state of the temp + next = noundele) neunodo + pier = temp; temp= revenodo;

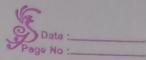


void display ()

3 temp: Head;

while (temp! = 0) 3 printfl= oldini kemp sdata); temp: temp + next ! void insertleft "north" E fut noce , P. 1 , man in almost former printfleenter the mode (n') scanflactold', & node); temps headi. if (node < 1)

{ printf(" invalid position \n"); }
else if (node = =1) if (node <1) newwoode: (strict made *) malloc (size of (ctrust radi); point (" enter data In"); scarflord, sommete -sdata) new mode + pier > b' head -sprev = ransorado ! neveroeb - reat: head; hoad = nownools; in a desiry 10 : 17 xore denvel/ else I newnord: (struct noots a) malloclairo flatnot notelli printflienter datala"! scarf (" ofd", & nownede + data); ! (Irgbons il girler { temp: temps noat; july answar admin



newnodo + prev: temp; renormale + next = temp + next; temp - next = neverade; newnode + cost + prev : rewnode; wid delet-pos() int position; temp: head; printf!"enter positionin"); seauf ("1, d", & pus); robiletic pos) tempedenp -> wat; 9+40, temp-prev-sneat : temp-snext; temp > nox + > poer = temp > poer; free (temp); wid main () int choice; man printfl" enter operation intereste in display position ins. 1 to stopin's); 3 printe [" Enter operation ");
scanf (" 1.d", & choice);

if Cohoice > 2-4) 3 printf("operation completed"); breaked, was a day to ge gray are rough jub it of grace or i ? switch (chaice) 3 case 1 . create (); break! In Aller hour careez. display ()? break; bud agast cases insert left(); break 1, 6 No 1 4 163 couse 4: delete-posis; break; default: printf ("invalid inputio")? 1/ort put: Enter operation 1. create 2 display Bineet to left 4. delete from a position 5 - 1 to stop enter operation: 1 enter the no of elements 3 enter the I clament: 5 onter the 2 element: 6 enter the 3 element: 7

enter Operation 2 enter operation 3 enter the mode ! enter data 8 enter operation 2 enter operation 3 enter the node 3 Enter data enter operation 2 enter operation enter position 4 enter operation 2 enter operation -1 operation competed

```
C:\Users\hp\OneDrive\Desktop\22cs300\sort_rev_con.exe
Enter operation:
1.create
display
reverse
4.sort
5.concat
.-1 to end
Enter operation:
Enter the no. of elements:
Enter the 1 element :
Enter the 2 element :
Enter the 3 element :
Enter operation:
Enter operation:
The elements are:
Enter operation:
Enter operation:
The elements are:
```