Dala Structures classmate Lal Test -2 Rahul Khandelwal 18M18CS076 4-1-2021 # include < sldio. h > # include > dring . h > # include < sldlib. h> Struct node Chae usm [30]; Chae name [30]; Struct node \* nesit: Struct node \* prev ; Struct node \* head = NULL; void in sert and () Struct node \* new\_code, \* temp; new\_ node = (struct node\*) malla (size of (struct node)); print ("Enter the USNIn"); scan] ("-1.8", new\_node → usn); print (" Enter the namely); Drang (".1. s", new\_ node -> name); new\_node -> next = NULL; new \_ node -> prev = NULL; if (head = = NUIL else temp = head; while (turnh - resd! = NULL) temp = temp - next; temp - next = new\_node; new\_node -> prev = tamp;

void del () struct node \* temp; char ele [30]; if (head == NULL) { print (" Empty In"); print (" Enter He USN to be deleted In"); Scanj ("1. s, ele); while (strong (temp - von, de) 1=0) temp = temp -> next;

if (temp = = NULL) print (" Element is not in the list \n"); if (temp = = head) head = head - next i else if (tomp - mest = = NULL) temp = temp -> prev; temp -> meset = NULL;

else temp -> prev -> next = temp -> next;

temp -> next = NULL; void display () Struct node \* temp; temp = head; while (temp! = NULL) print (" usn: 1. s \n", temp - usn); paint ("name: 1. s m", temp - name) i temp = temp - next; () main () while (1) print (" 1. Insert /n"); print ("2. Delete \n"); print ("3. Disflay m"); print ("4. Exit m"); print (" Enter your choice In"); scanf ("y.d" & choice);

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switch (Choice)
  case 1: insert_end():
   broak i
   case 2: del (); break;
   case 3: display ():
   break;
   case 4: exit(a);
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