2/01/24 & war to implement singly kinked kint a) brate a linked lint b) insuran of node as beg, may pointing, and Diplay #include < etdil. 17 struct Node) int detains and and and struct Node * next; struct Node & creativode (int value) 2 struct Node * relati Node (Int value) } struit Wode + new Nodo = (struct Node +) mallou (size of (struct Node)); f (new Stode == NULL) { printy ("Memory allocetor failed in"); new Node - dato = value; new Node - next = NULL; ectum newNode; seed to short tended tribusts struct Node + insert At Beginning (struct Node * head, int value) strut Node + new Node = creatinode (value) newNod-inext = head; gebrus new Node;

void insert ArPosition (struct Node & previous if (secrous = NULL) {
printf ("Preurous rode commob be NOLULES) struct Node * new Node = creat Node (value). photo rendode - next = peurous-inext; void insert At End (struct Node at head, int value) struct Node * new Node = relate Node (value). struct Node + werent = head; while (wrent - next (= NOLL) 1 west = weent-next; curent - next = new Node ; void displayment (street Node & head) 1 struct Node * went head; print (" god s", werent - deta); went = curat - next; 2. prints ("NULL m");

SURYA Gold int main () 2 struct work & head = MULL; int choice, value, position; prints [" 1. Insert at beg"); print ("?. Insert at any painton") princy (o x. Display); print ("s. Exit) sconf (" of od ", & choice); suddh choice of the the state of the substitute case 1: punty ("Ente value); scap ("700; Evalue) head = insent At Beginning head, value); IN Joreale; 3 - 08 can? painty ("anter the position after with sanf ("God", Aposition);

peint ("God", Position)

Scarf ("God", Position)

8carf ("God", Svalue); insert At Position (head, value); loceali; case 3: score ("of od", & value! Ensut AtErd (head, value) belale? case &: display Lint (head); break; case S; printy l'Exiting"!

Legant: printy l'Exiting"!

Legant: printy l'Exiting"!

3 mile (choice 105); Return 0; Enter your choice; 1 Enter your choice; I Enter the veginning: 10 Enter your choice; 1 Enter the value to inveit at the beginning to Enter your choice: 2 Enter you hove: 2 Enter the value to insert at the end: 30 Enter yeur choice: 2 Enter the value to insert at the end: 60 Enter your choice 6. 20 -> 10-> 30 -> 60-> NUL of of will are all of the Thought it polarity is a

Delihon of first element, specified element, last element in the list. Diplay the contents void delete first (struct Node & Mahead) Ef (head man == NULL) fue (head)

seturn;

head = head -> next;

free(p); Strict Node * delete At Bejanning (street work hid)

if (head = NUL) geing ("List is empty");
return NUL; strut Node & reishead = head-hext-free (head); seturn new tead; word delete At Fhd (othert Node & head)? print ("Zist in empris);

ifthe struct hode a current - head; struct Node a previou - NULL; while (current - next! = woul) { previous = curret; current : wrint nest; free (current); previous - next NULL; void delition At Position (struct Node + head in pointin) 1

if (head = = NULL) 2 pring ('die is empty) Return NOU. (porinon == 0) g street Nod + temp = head; head = head = next; fue (temp); selven head; struct Node & puret = head, int count of remous - none,

while (unit 1 = NULL As count < position) previou : airent; airent = ument - rent; geing ("Invalid porison");
return head; free (curent); Return head; Considering the same linked but as mentioned in previous output 90-> 10 -> 30 -- 60-- NM 11 delite at Riginny Enter your choice: 3 I / delete at Entre your choice: 5 Ente the position to delete: 2 1/ delete at end Enter your choice 4 11 display. Enty your thora; 6 10 -> NVLL 2010184