184 West a Asogram to Present and delete an element at the with and With position in a wheel with where is and It is taken from user. Pragya gupe void insert (node tecurrent, litthoritim, int data) to de + new node = (struct mode #) malloc (new node); the Eurrent = 4(Eurent) -> rest; we de 4 temp = get node (data); lemp -> next = 4 current); 4 current = reup; APIGIO010832 Assignment-11 Sif (position cd 11 fourtion > size +1) fraint (" throug input"); new-wode -> next= mull) void pos (noder , int, int)
int & ize = 0;
struct node & int date;
ghuet node & nest; new-node => dala; & while (position -) hede * getwole (int date) # include 25this it > # include 25th (ib. it > relive new-wade;

Void delete (Shut node of head, int for)

if (head = = NVLL)

Retar;

temp= head;

if (for = = 0)

thead = temp > new;

free (amp);

xetur;

free (amp);

free (amp); Sid fring (Brut node + head)

g while (head ! & Mull)

? Print ("'.d", head -> data);

thead = head -> nest;

}

frint ("'.g", "); L shut wode thead = NULL; bush (& head, 7); bush (& head, 8); push (& head, 6); push (& head, 17); frintish (head, 1); frintish (head, 1);

Shrul-node Aven = (5 hour-no do 4) mallo e (size of (5 hustrady)) 2 Construct a new linked list by merging alternate wodes of 1200 lists for example in 1241 use have 71,2,3 gardin 13,4,5,6 bave \$ 41,5,6\$ in the new was should have & shurt-wade of merge (shurt-node of a , shrut wo de 46) void frush (shrut node thead, int data) Void point-list (shur wode 4 head) fourt ("xd" a, pr ~ data); & shurt hade mil) Smut made + fail= mi) Shout hode of phi = head; new > next= thed; thead=new) m. Mest = NULL; # Enclude Catholy funt (a NULL)) new > dalk : dala; int-dala; shurtende treat; shut no de s while (1) 3 5 | Lhurt node + node + = (shurt node) #walloc (six of ahust node)); 4 Write a program to point all the elements in a (ii) alternate order lif (head == NULL)

Rewind; her (head of rest);

frint (1), dy, head > data);

Noted fund (struct hode & head, chara) soid fuint-sev (shout node 4 head) Smut node thead = NULL; node-a -much = head 4; found alternate (head); # include Lothinh mode_n > dals = hew; Sash (& Wead, 4); bush (A wead 13); moh (& wead 12); snot - vew (head); Smeet noole knest) 4 head = node-nj queur. Thuck node helmo)[1 int main ()

For all the cluments in the start whose sum is

the wate to be queely now).

He wate to be queely now).

Intended extract jint n, intp)

intum = 0;

Intended the fall, int n, intp)

for (1=0, 1=n) (+t)

for (1=0, 1=n)

int (1=0, 1=n)

for (1=0, 1=n)

int (1=0, 1=n)

for (1=0, 1

thead +	There is array diff from lined list. Linked list Linked list Am array is a data smurture a) A lineed list is a non-frimiting that contains a collection of linear coulours a collection of unordered linear of similar light data clement. Clements high data clement.	6) In tinued (1st- you have to Francese starting from head till the element files.) C) the access to the element is slow. 3) Obershim Einestmarken & deletion (Sue Time.)	
heid hunder E (shut we thead) int count =0; count != rull) liste thead != rull) low t c c head > data cc "; low t + ; head = head > rest;	The is array diff from lineal list. Array An array is a data smurture a) A linear that contains a collection data show of similar lythe data cleunth. collection	(b) The ossay elements belong to suffer the suffer to early to seem access to the element - weny foot. d) Operation (the insertion?	

