DATE 20/11/20

CHIRAG 1BM19CS039 Hinclude establish'> #include <stdio.h> void cereale(); void display(); roid insert-begin () ( ) bord treat bion void insert-pool) Octor void delete\_begin(); void delete - end() void delete-pus (). int into Struct node = rext; otroit node \* start = NULL; int choia) Whi /0(1) ? print (" MENUY"); print ("Creck In"), mind (") Japan In") prints ("3. Freet at begining \n")
prints (h. Zniet at end \n")

print (5 Inset of Specific position for

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3 (10)
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print (" 6. solde from keeini print ("n 7. Derete from eno paid (" 5. Dolve from special bring (, & Exit m); Switch Cohoice printf (" Enter your choice scanf (" olod", & choire) switch (choir) Case 1: create() break; Case 2: display() break! Coxe 3. insert begin(); by eak Cox 4: insert end ); Cox 5:

Coe 6: detek by int brook ?? 087

break;

defete end (). brech;

CHIRAG Cost & Live ve 1999 delete post); becoule Case 9: exit(o); brech. default Print (" In wrong Choice: ); ereturno. void create () Struct node tent, "pley temp = ( struct mode ~) mallor (cize of (struct mode)); if (tem == NVLL) print (1/2 out of memory spare: 121); exit(o); printf ("In Enter the data value for the rock: ") Seart ("010d", & tent > info); tent > next - DULL if (Start == NULL) start = tent; ptr = stout;

while ptr > rext! = NILL) 3 tr=ptr-sirect; phosphares = tent ptr => next = terry wid display() struct rade \*ptr; if (start = NULL) printf (" In List is Franky") elx ptr = Start printf (" The list elements as:); while (ptr 1 = NULL) print (11 godi" phr sinto). ptr =pte next

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woid insert begin()

Strut node \* tent;

tent = ( struct node \*) mallor ( size of (struct node));

if (tent) == NULL)

port ("In our of Memory Spee ");

print ("In Finer the data value for nood: ");
Scort ("olod", from sinfo);

if (start == NULL)

start=tem;

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CHIRAG else tent > next = start, Start tent, void insert end() Strat pool & tent, phi tem = (struct pade >) malloc (sice of (strad mode)); it ( tent = pull) Print [" In But of merrory Spo u: "). altun; print (" Enter value for mode ") Sout (" 0/0 d" | & tent - sinfo); temp -> next = NULL, 1 (start == NULL) start = tent ese ptr=stat; while (ptr snxt = pull) ptr -> rext= tenti

CHIRAG void insert pros () struct node xptr, xtent; int i, pus; temp = (strat node 1) maloc (size of (strat now)); if (term == NUL) Drift (" In out of momony spice); print (" the position for new mode ") Scory (10/0 d 11 & 700), print ( The data value 1) Scart ("010d" & Jent > into); temp > next = well; of (pos ==0) lent > next = start; start - tent else for (i=0, ptr = Start; icpos-1; -4+) Print (Busition not four!)

CHIRAG lent short = ptg -> next; ptr speat = tent; void delete begin () Stret node pty; if (ph = WILL) print (" List is employ ") , eton; Ptr = Start: start = Start 3 pert; port ("The defeted client 13/0d", "she sinted few (ph) void duck end!) short rode & tent, & phr. if (start== NUI) printf(" list is Emps:11); exit(0);

	[ core ] / /
	Shif (start > next == NCL).
	· ptr= start;
	chart = NIL
	stant = NII; pritt (" The deleted elmit is dodiptosi
	fue (oh).
	3
	ex
	or with a little on it was
	Phr-starti Maria
	while (ph -> nex! = NUL)
	265
	tent=ptr;
	ph=ph preat;
	tent > rext pill)
	port (" The defect element is owd' ptr - single
	fer (bx);
	7
	Void delle post)
	Comment had been to the second
	int i, pos:
	Strout male & fent, * ptr;
-	if (start == pull)
	C
	print ( 11 The list is emply)
	ex. + (v)
-	1, 1
-	

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-ese privily ("Inter the position to be detected: ") Start - start - next; protof ( " The defected élement is and! she simple edu ptr=start; Dritt ( Position not found: ") fund > next = phr -> rext; Print ("The defeded elevent is and" pt > info) (ph) CHIRAG

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