31-07-2024 LINKED LIST => 3 SIZE > ONLY 3 almosts we present 5,6,7 X-NULL 1000 2000 TEMP'

SINGIN LINKED LIST WITH INSERTION, >> Struct mode DELETION & DISPLAY () int info; meun -> new mode struct node * ptr; typedef struct mode, mode; node * head = NULL, * temps, * newn; int size = 0; void insertion () int i index, ele; V injution Seletion pount ("Enter index to insert "); display arkit Scanf ("7.d", & index); if (index 40 11 index > size) brints (" not passible "); point (" enter element "); scanf ("7.d", 4 ele); answer frieds of matteretsize of anides & new - info = ele; if (index = = 0) newn > ptr = head; head = neun;

```
else
  Temp = head
   for (i=i, i Lindeak; i++)
     tempo = tempo > ptor;
     neum = ptr = temp => ptr;
                                      mein -> now node
      temp > hts = neum;
  suge ++;
void display ()
                                      temp > info => Value
E temp = head;
                                     temp > hts => value of whiley
                        Contract His
   While I temp! = NULL
     bunt (" 7.0" temp > info);
     temp = temp > ptr;
```

SINGLY LINEED LIST WITH INSERTION DELETION & DISPLAY ();--> # include < etdio. h > # include < stdlib. h> struct mode int info; straut mode * ptr; typedet struct node node; node * head = NULL, * temp, * nauin; // newn-new the property int eize = 0; void invertion () ent i, index, element; printf (" Enter index to insert! scanf ("/d", & indere); if (index <0 11 index > size) printf (" Not passible \m'); else priorate & ander newn = (nocle *) mallor (size of (nocle)); Il Mocate memory for new node printly ("Enter element: "); scanf ("7.0", 4 element).

```
1/ neum - New mode
neum -> info = element;
 if (index = = 0)
    news -> pto = head;
                           1/ newn - New node
      head = newn;
 . else
    temp = head;
     for (i= 1) in & Index; i++)
      temp = temp -> ptr;
       neum -> ptr = temp -> ptr;
       tempo -> ptr = newn;
Void deletion ()
  ent i, index;
   frunts ("Enter index to delete: "):
   scanf ("'Ld", d'indere);
   if (index <0 11 index >= size)
     printf ("Nor possible 1m");
```

```
else
   node
    if (index =
      del = head;
      head = head > htm;
   else
      temp = head;
      for (i=1; ix index; i++)
                 temp -> ptor;
       del = temp -> ptr;
      temp -> ptr = del -> ptr;
void display ()
          (temp != NULL)
       prints ("1.d", temp-> info); //temp-> info
       temp = temp > pto; // temp -> pto = STORES
   printf (" \m");
```

```
int main ()
   int ch;
   Switch
    White (1)
      printf ("Enter Im 1 to insert Im 2 to delete
       1 m. 3 to display 1 m 4 to exit 1 m ");
      s canf ("7.d", & (h);
       Switch (ch)
         Case 1: insertion ();
         break!
         Case 2; deletion ();
         bruak;
         care 3: display ();
          break;
         case 4; enit (0);
         default: printf ("INVALID CHOICE IM");
```