5. #includers WAP to impremed simply wind list with following operation a) create a Linked Dist

b) deletion of node of begging at

specifical permet at the end codifficor the Contents of linkedlish and the world with on by skalaba" ) fraing # include < stdio.h > (alime # include L Stollib. h> \$100 bood # Mabout toward ) Mary 215036 biny struct nodel int data; (1000 to book 19) struct Node\*next; · ( " Try ) O to ) gto Struct Node+ Create Node (int data) { 3+out Node+ new mode = (Struct Nodex) malloc( sizeof (struct node)) if (!newNode) [ + 100 ] + 100 Print (" memorx allocation failed in"). exi+(1); newNode -> data = data; new mode is mext = NULL; return (newwoode); 6 hours 21 +81 1 " 60 400 to 1200 1 60 hales ") Sunos al o took of two male do x x toms void append (struct node\* thead\_sellint dota)? Struct Nodex newNode = Createnode(data); if (+ head sef == NULL) thead ret = newwoode) 4 clee & - Contraction

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32 1111
      Struct Node * temp = * head red;
       while (temp snext l= NULL)
temp = tempenent; a mailing of
      temp -> next = newwoode;
organiz to granificaning to 1816 00
         point ("Added 1/d to the Dinked list,
         data); enally as shown in
         void delete First (struct Node** head on
           if (*head ref == NULL) {
            Point (" List is compty no element
          delete. (m")
            return;
       3 Cotel mi ) shows coars tohow towns
struct Node* temp = *head_ref;
           * head-self = temps next;
          printf (" Deleted First elemes: " d in"
( temp -> data / mon) + ming
           free Ctemp);
               intoh whole - aboutury
       void deleterast (Struct Node** head - ret) {
          ile (+ head ref == NULL) &
           points (" beleted Last comet.
          emptx. No element to delete. (n");
alab who be bretisting pooks bourge blov
Stance medical demonder ( & outening (40)
           il ((*head ret) -) ment == NULL) &
             print+ (" Deleted Liast clemit! "/din")
             *head_ret)->data);
```

```
tree ( x head ret).
      * Head-set = NOTT;
       return;
       Struct Node* temp = * head ret:
      while (temp - ) mext - ) next ! = NULL) !
      temp = temp - snext;
w( "1/ b)
                      d Gracel among
        Proint ("Deleted Last element ! X.din", temp-
       next -> data);
      free (temp-snext); volume
        demp - > next = NULL
        4 ( " of strong of entered") from ag
      void deletelement (Stouck Noder head of, inth
           1 boat much toknoch yourself
            if (*head set = NULL) {
      Print ("Light is compty. No chemed to
          delete in");
           3 ( al siver ) since
           struct Node* temp = * head set;
           if (temp != NULL 29 temp > dota == ker) {
              *head ref = tempor next]
            Point (" Deleted Specified elemid! Y.din
                 key);
              tree (temp)
              octuan;
                        1 (+) sullet
           4 ( Common & Many
Struct Node* Prer = NULL;
         pohile (temp != NULL pt temp -) data != tes,
          & poer = temp
              temp = temp => next;
```

```
011-11
       i6 (temp == NULL) { (2) 10 160 2014 ) 0.38 }
       print (" Element V.ol not tound in the
       list in", ker);
       return;
       2 for bout + - 9 not tobour tools
       previonent = temponent;
       print (" Deleted Stecified ! element "/d/n"
       free (temp);
     196x1 tomas (201 bolosof") 4thing
                    CONOB C BOSC
        void display (struct Node + head) [
        il (head == NULL) & seem a prost
          Point+ ("Ligt is compty, in")
          return;
uni les books tabols work ) to molostalet blor
         Struct Nodexterne = hoad;
        while (temp!=nouse) &
print+ ("xd ->y", temp -) data);
             temp = temp => next;
          Print+ ("NULL IN");
      Struct Nodet temp = street. &
     of femal 1= work stamped do
      of struct modethead = NULL;
        int choice volue;
        point (amil 300%)
           Print+(" menu:");
          Pointd ("Enter 1 to add the element!"
print("Enter 2 to delete at First."
            Printf(" Enter 3 to delet, od Last!)
            tout = temp = mot
```

print ("Enter a to delete the esempt at popidion:"); negy to the netternous print (" Enter is to display the Linked line point ("exito"); tops to mathemat and Pair consider point ("Entex you's option;"); scomt ("V.d", x choice); exitch (choice) suggested i minimal to the soil of whole some case 1 Point (" Enter ralue : "); scant ("7.d", & value); append ( phead, value); case 2: 800016600 delete Fig + (thead); Cage 3: habita as about delete last (shead), case a limber work who's point ("Enter position ") scant ("o.d", 7 value) delete esement (thead, value); case signo di coil tippoly() 18 32100218 OV COLLE trong to se can rate director 10 tre return o; 3 2: minds surve plan the of a airing a minute

1. Insertion at beggining
2. Insertion at end 3. Deletion at beginning 4. peletion at end 5. Deletion at specified position 6. Display ligh Enter your choice, to Enter data to insert at beggining Enter your choice: 2 Enter data to insert at end; 22 mend (Thead, value) Enter your Choice; 6 11 12 38000 0 × 14701139 Enter your choice:3 Dator is peleted at beginning geode rost (shead); Enter your choice: 400 bata is peleted at ending Scourt ( "Old " ) & volue) Enter your choice: 6 Light is empty 1900 21 Drayest Enter your choice; enter data to insert at begging 22 0 000000 Enter your choice: 5 Enter Position to delete o @ Enter Your cloice 6 Tist is curbth