Week -7 il " unely closure or ") by 05/02/2024 WAP to somplement a doubly linked list with following operations related stone of the R : E of the @ Ensertron beforce a given element Delebron of glues node who are my the soften your epites ") ty Enput > # include (stdio.h) suffer (eptited) + # include < stdlib.h) stauct node. stowet node theat; int data; stauct node specen; زل stauet node * start = NULL; stauet node *) stauet node + display (stauet node +); struct rode + insert before (stouct rode); Asuet node * delete - selected (stouct node); int main () (2.2) milya) allo

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pt(" to or Main Menu");
plantol dell' 10 1: Counte la Det: ); migni de Ali
        pte 10 2: Desplay the list");
        pt( \n 3: & Add a node bestor an element)
        ptv on t : Delete a glien node );
        pfc 10 65 earty); shin any to morables
        pt( enter your aption: ");
         of (141; & option);
                                  cholde a sheling to
         switch (apthon).
                                  (d.dlyles steden +
                                        thurst refer
          (ase 1:
              stant = conate_Ucstant);
             pfc in souty-Il coreated), show herest
                                        ( show the
             Zowak;
          case 2:
            start = display (start); = trok + then toweft
         case selver hemote , and har horsely , a about hungers
            start = insert_before (start);
             beeats;
                                          () ricon to
          case 4:
             start = delete_selected (start);
                                        i motor to
             beeats;
   ) while coption 1=5);
      getch();
     seetum o;
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staut node & count ( staut node *start)
      stauet node *new_node, * pta;
      int num;
      pfl' in Enter - to (ext "); it was a )
      of C'meller the data");
SAC old, & num);
      while (num ! =-1)
 He (stoot = NULL) ( short much) =
           rewonde = (struct_nade 2) mallo (street (stouct
              node)); . (bode = poly
        newnode - peren = (NOLL); deb - of 2 2ho
           new node - pata = num;
           newrode -> next = NULL; there is not an
           Stort > new node;
             - ; store can = than + theory register
      else
                       isser wer = were + 15to.
          pton estant;
         new node = (stauet moder) malloc (orzeof (stauet mode)),
         newhode >> duta = num; 1) page 2h das durate
         while (ptg. - next ! = NULL)!
               pto = pto ment; trak = 12 h
        ptompreat = neurode police = 1 +142 2000
         newnodespecent = ptr; 7 . " by 1/ 1019
         new node & next = NULLY exq = Any
      PHU Roter the destair);
      sfl" 1.d', & num);
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stout note & " Esplay (stouet node - stoyes)
  Estouet node inwoode, upter; observable
    8nt num, val;
    pt (" to Enter the data:"); to the policy
    st ( " y.d", grum ); ( also also also )
    pt Cum enter the value before which the data hestol.
          Inserted "); (1-1 mais) without
    sf (. 1.d., grad);
   numode = (stouet rode ) malloi (orzeof (streuet rode)).
      numode ratata znem/ = son um
        pton = start)
      while (ptn-data ! sual) = week algorium
            ptn = ptn - next; - det + stancien
      new-node -> next = pto; = ten + stores
      numode - pour - por - sporer ;
      supply topolar + next = numnode;
         ptor - pow = new_node;
       section stort;
(shartung 2) -ouse / solle - ' salor + musto) = abong in
   struct rade Isplay (Struct rade & start)?
          Showet rade $1917. Han 4, 1949) almos
          place Start; There of a sety
        while Color 1= NOLL) election = absence of
         f pto 1+1d", ptn-xtata)
           pth = pth total ; tole and wit.
       seetum start;
```

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stauct node deleth selected (stauct note short)
 stauct node roter;
                     DISSM MAM
  · ent val;
                      till a should
   pta = start)
    pfe" (or enton the value to be deleted"),
    ster 1-der & val), what her all
    whele Coptandata (sual) is the
      t pta coptan-round;
    of ( pto ordeda = eval) 1: and to many and a
        pto opener - next - pto - mont;
        pto + next -> power = pto -> power;
        force (ptr);
                          Ester year aption: 2
  elec.
                         23 95 6
      pfe" blode with sid veile doesn't exist milal)
                          E: intho may rated
                           3 . Aut . 10 13 13
    suturn Hart)
            Enter the value before also the
                                       . 45
             alon the ed to be death of a
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Kourse , not of 190 to the chan towner Main Menu petge was trubely i) Coreate a lest 2> Display the list 3> Adda role before a gluer orode 4) Delete a (green node be aty) sign S Bult James Francisco F Enter your option: 1 (love my) to Enter -1 to End reg work warrent Roster the data: 23 45 6 . Jan 1 enter your option: 2 23 45 6 7 ptc bods with 13 vale doesn't Enter the data : 6 Enter the value before which the data has to know . 45

Roter your option: 3

Batur your option: 4 Enter the val to be deleted: 6 Enter four option: 2 23 49 6 95 7

enter option is 100,20,10,30,000,180,800. Thought or House + 37 mg enter option: 3. 10, 20, 30, 100; 150', 1200,300 enter option: 4 10, 20, 20, 200, 160, 300, 100. \$ 02.24 I must donnets The many thouse the sump from 12 vite enquere (struct game + g - g. t.) Communication of the desired of the word display testemen queue may s Etaphy (shout queen mag) point guese (signer ques " 9) - - when the sund of the same to week (Chile) short at the broads. I found to be