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MND122A-AZG
0
                            MANASS APIGIOSE
a winter chrogram to insert and
  an element at the new and with prosinon in
  a linked list where n and k are taken
  from user ?
  chioches sendionna
  cu.dilb+a> spolong#
   struct node ;
   int data ;
   struct node & next 9
   struct node * head. ?
   void Posert Cint data, int data)
   nogen temb = very vode cio
   + emp - next = Nullo : --- )
    , th Cw==1)
      temp-Inext = nead ;
      head = temp,
      reforme
    void delete
     grut node = temb = peado
     ned q = fewb - ) we xf ;
      ૠ
     wade + temp = head =
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(14) 1:0 1 ic 10 0 3 jt)) -temp = tem - ne xt; temb-suext = temb-suext; tomb -> uext: +cmbo £ rois byet clo for cont 1=0; 1 < k-0; 1++) -years = temb - wexto tree (cmp) 3 dut wains Ş 10t 1131 Ko-HED 4 = MUlla Print-P C" The Position for inserting scane (".v.d", En); scan & Chologu, Eld Jo insent CS' WJO by bos! How to delept gelete Crib brinth (3): repor us

/* c program to construct a new linked list by merging alternative nodes and two lists for 301%-# include < s+dio.no # oclude c Stdli b.ho & apout yours int data; Struct node * next : Void Print list CST-ruct mode * head) Bryoth Ciria ->, bix-) ditallo bth = bth -) west o Print & C"NUII /n")0 4 Noid brancatuch voge + prois int gata) Stanct wode * were = (2 fact wode) malloc caimase of calloct wode)); were = gatab hem-I wext = + head's

* head = new ,

struct node* head - merge c sim) of

for Cint i = n-1 o i > 0 = i - 1)

for Cint i = n-1 o i > 0 = i - 1)

for Cint i = n-1 o i > 0 = i - 1)

for Cint i = n-1 o i > 0 = i - 1)

for Cint i = n-1 o i > 0 = i - 1)

Fush Cs m; key Cill;

Push Cs m; key Cill;

Struct node* head - merge c sim) o

Sint ist chead)

Print list chead)

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by ut 1'u x' A'3' k Is now of element in) a substitute the word element in) a substitute the word element in) a substitute to be considered to the substitute of the substitut
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struct node merge corner nodo & a sivuci no de false; false Struct node + Fall = false. next = Nollo while (112 1 & CT = WOIL) 9 fail -> wext = mio preak cise: P CP=NUID ç126 } fgil: ad next reman fail. Nex +:

800 ne ("1.4", & n) o for (j=0 g & < n ; j++) & bynth (" ruine the west element ") o Scane (" vd", Ex); PUSH CX) 9 £ Brint & C " bronige the som toneritality Scan & C " -1. 4" & k) 0 for Cj=0; i2n; i++) 5. Y= Pop (); 80 me = 80m+ A . Cout = Count +1 16 Com== x)0 for cinti=0 3 is count; i++) byut 6 C. s. q. 1. 8 tack C. 12); preakb 5024 CA 72 , 4 (51 = 1) byut & C " It is not edical roid brape but al i & Crob = = 44). · Print & ("IN Stack is full stage

40 pt= 19 Stack [top] = a? char pop CI it & Cstack Ctop) = =-1) Printe Ch The stack is fully empty!) refurn D? 2 = stack [top]; top= top-p return a; H. /*c Program to print the elements in queue in reverse order ii. in alternate order. # include < stdio.no * 9 ct. 3 w 2:36 90 void insert Cint); Void delete Clo int doens cool) x=-11A=-1. Void main con int Value, choices mp:16 C1)3 bywib Ci 1.3 v 2 estious à brint & Cr D. Deletion 11) o by utt (n 3. by ut rene Adal) a by utt (" A. brius BH crush is ") & byutt (" chose one obtion "). scane (". du, & choice);

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switch (choice)?
 case 1;
Print & C" Value to Inber - ") .
  scanf (".1.d", Evalue) g
  insert (value) ;
  pro at?
 Case 29
 delete c ) p
 preaki
 c a s e 3 a
byut & ( " was renewsed doe is " ) )
 for (in +1=8:362]>=0;1--)
3
  1 & Consos [1] = = 0)
   Continues
  Dy wet Eningin frem C3776
  preaké
  وصع و ١١٥
 bring & (" Witerials Elemet i? , ( ) .
  for C int 3 = 00, 15 6, 36 3, 4= $
  1 + ( drene C1 ] = = 0)
   con Liunté · ·
   عيرون الجرارا ، عنه ودياك
  breaks
  exiteos.
  q & ton1+2
  by we by moved obtions Jo
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Usid Importion Value ) Q
 9 6 CCX+: 086 84 + : 4: 86 -1)11 4-1 13+1)
 elinely seed the you si wolledou, me will sived
  16 CBX * = -17
   4 - 0 6
    7= C 4+131. size;
     que us CAJ. Values
     Print & ("IN 308tion is done 11)
   3
  Void delete 12
   16 Cx:=-1)
    bant & Co deletion is not at all bosible ").
   16136 9
     Prin + (" -1.4", que ve Cx7);
      K: Cx+1)1:5/364
      1 & Cx = =A)
      x = 4 = -19
5)
P. How array is different from the linked list.
The major differencese between array and linked
1) Arrays on Index based data Structure
  mpere soch element is occosioned mily
  an Index. And the linked list relies
  on references where each node consish
  at the data and the refer ence to the
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Previous and next element.

19) Elements are sorted consecute vandomi
in linked list.

99) / * c Program to add the first elem of one list to another list of #include < Stdio. no # include <stallib. ha Struct node int datas Struct node = nexto ADI, & DRE NCSTANCE MODE ** WEND TAEL int dewy-data) Emuca wode + dem it gat of = (3 tack wolfs water caise of cerm of weall. dema-node - data e dema- data. dewy-node-) next = C+1 head-reft Car peag- Lot b) = geman Logo. hound brivit liat Cathock works the day . while 6+emb = Nall) briut ton an itembrigator Jemb= temb-) westo

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usid merge C struct no dot X , 3 trut no do to 1).
3+m(+ Node + X - CO11 = X + A- CO11 = + A)
Struct no deax-next = , " 4-next ;
 mpije Cx-c011 = NO11 & & A-c011 = NOID
 ٠ ٦
    x - next = x - corr -) next ,
   A - WEXT= A- COAL-) WEXT'O
    x-corr - wext = x- wexto
    X - CUTY -> Yext = Y- MEXT
    x - cuty = x -nexts
                          CUTTO
    A - COLL = A - WELT?
    = 4- cost;
  int main co
  7
  Struct wode = x = Wall + x = Wil;
   PUSH CEX, 2)
   PUSH CECK , 33,0
   brint ( u line only timed linked list is suit
   Push ( & 2,4) ;
    Bray ( & 5/2/2) 6
    Push ( & & 1 b);
    brint (" second linked list")
    bywt list CAlo
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Det up to 1 a corrected first worked listed of the total conditions of the total corrected second worked listed of the total conditions of the total c