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5/7/21
                 4 DA LASTIST
N. Thyabih
IBMITUSOS winterp heap out pyra is C
     # inche < othern)
          heapyly ( the arris is a mi)
        Wa, l, r.;
     1
          L= 2x it 1.
          t. 2xi+ 2
         il ( den el ar [1] carts]
           5=1;
        il (- ente atr) ents)
          Sar;
        (i=! v) fi
        1
                              longe arrig
          Just and a contit and
                               an (1) = "hor [ "] ;
         Leapily (an; n, s)
       4
  void heapart ( int ame ) int in)
      for ( :N 1 = N/2-1, 1>=0,1-)
         heapily (arr, n, i);
      for ( iht in-1 00.17:0:1-)
           the tactor and territors (0)
                                  ( [] mo: ( o) mo: ( ora
                                  arroll tup
     4 heapily (arr to i, 0);
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But (The art] w n) 1 Lor Lit 12 0: 14 n; 1++) { printy (" chur = " d " an [i)] Vasid mun () (interest, end; mh n, i, l, laptor arriboon prof (" For no of down ") scufl"/2 2 & n). print " Entry elmits");
Apr (int 100; ix 1) 1++) scay ("./d", 4 ar- (3); heapant (arr, n); end = (lock (); t= ((double (end - Start)) / Clocks - PER-SECT produpte inthe the taken for company in it is, to pref ("inthe sould array is his); powhow (arry 1);