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5-1 The function BinQueue_Merge is to merge two binomial queues H1 and H2, and return H1 as the resulting queue.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ♀ 作者
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BASTA
                      BinQueue BinQueue_Merge( BinQueue H1, BinQueue H2 ) {
BinTree T1, T2, Carry = NULL;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           单位
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     浙江大学
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           时间限制
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  400 ms
                                    int i, j;
                                  int i, j;
H1->CurrentSize += H2-> CurrentSize;
for (i=0, j=1; j<= H1->CurrentSize; i++, j*=2 ) {
    T1 = H1->TheTrees[i]; T2 = H2->TheTrees[i];
    switch( 4*!!Carry + 2*!!T2 + !!T1 ) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           内存限制
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     64 MB
                                                case 0:
                                              case 1: break;
case 2: H1->TheTrees[i] = T2; H2->TheTrees[i] = NULL; break;
case 4: H1->TheTrees[i] = Carry; Carry = NULL; break;
case 3: Carry = CombineTrees( T1, T2 );
H1->TheTrees[i]=H2->TheTrees[i]=NULL
                                                                                                                                                                                                                        (5分); break;
                                               case 5: Carry = CombineTrees( T1, Carry );
H1->TheTrees[i] = NULL; break;
                                               case 6: Carry = CombineTrees( T2, Carry )
                                  H2->TheTrees[i] = NULL; break;

case 7: H1->TheTrees[i] = Carry;

Carry = CombineTrees( T1, T2 );

H2->TheTrees[i] = NULL; break;

} /* end switch */

/* end for-loop */
                                   return H1;
 5-1 答案正确 (10分) ♀ 创建提问
 5-2 The function LR_Rotation is to do left-right rotation to the trouble-finder tree node T in an AVL tree.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ♀ 作者
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      陈越
                        typedef struct TNode *Tree;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    浙江大学
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           单位
                      struct TNode {
   int key, h;
   Tree left, right;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           时间限制
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     400 ms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           内存限制
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     64 MB
                      Tree LR_Rotation( Tree T )
                                  Tree K1, K2;
                                    K1 = T->left;
                                  K2 = K1->right;
K1->right
T->left
                                                                                                  (5分) = K2->left;
                                                                                          (5分) = K2->right;
                                    K2->left = K1;
                                                                                         (5分);
                                 | (5/7); | (2/2-right=T | (5/7); | (2/2-right=T | (2/2-right) | (3/7); | (4/2-right) |
                                 return K2;
5-2 答案正确 (15分) 🗘 创建提问
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