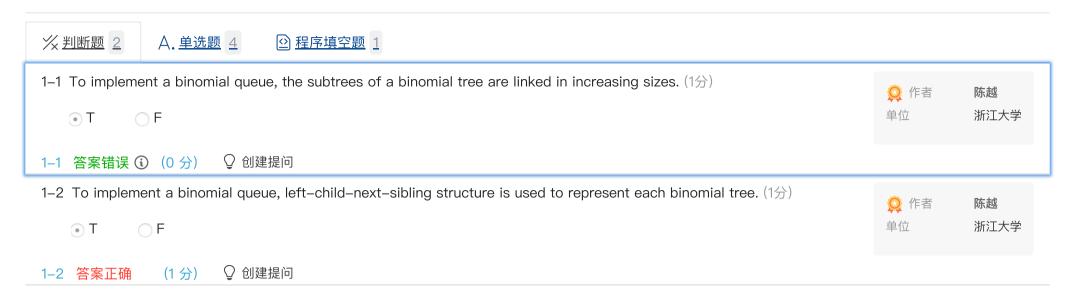


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# ※ 判断题 2 A. 单选题 4 ② 程序填空题 1

5-1 The functions <u>BinQueue\_Find</u> and <u>Recur\_Find</u> are to find <u>x</u> in a binomial queue <u>H</u>. Return the node pointer if found, otherwise return NULL.

```
BinTree BinQueue_Find( BinQueue H, ElementType X )
   BinTree T, result = NULL;
   int i, j;
   for( i=0, j=1; j \le H->CurrentSize; i++, j*=2) { /* for each tree in H */
       T= H->TheTrees[i];
       if ( X >= T->Element
                                             (2分) ){ /* if need to search inside this tree */
           result = Recur_Find(T, X);
           if ( result != NULL ) return result;
   }
   return result;
}
BinTree Recur_Find( BinTree T, ElementType X )
   BinTree result = NULL;
   if ( X==T->Element ) return T;
   if ( T->LeftChild!=NULL ){
       result = Recur_Find(T->LeftChild, X);
       if ( result!=NULL ) return result;
   if ( T->NextSibling != NULL
       result = Recur_Find(T->NextSibling, X);
   return result;
```

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5-1 答案正确

(4分)

♀ 创建提问