

Part2.

insert(), union(), intersection()等方法中的对比需要使用compareTo(), 因为求并交集时要比较字典序lexicographically,比如"3"在"5"的前面_{是医门}面。回 .equals(), compareTo()的用法

a==b	比较a和b是否指向同一个object
a.equals(b)	验证a和b是否相等。允许a.equals(null)
a.compareTo(b)	比较a和b的字典序, 1. a <b, 2.a="b,返回0;" 3.a="" 返回负数;="">b,返回正数. a.compareTo(null)会返回NullPointException</b,>

用了compareTo()之后要将item强制转换成Compareable

DListNode

```
1
    /* DListNode.java */
 2
 3
    package com.homework5;
 4
 5
 6
    * A DListNode is a mutable node in a DList (doubly-linked list).
 7
 8
 9
    public class DListNode extends ListNode {
10
      /**
11
      * (inherited) item references the item stored in the current node.
12
13
       * (inherited) myList references the List that contains this node.
       * prev references the previous node in the DList.
14
15
       * next references the next node in the DList.
16
17
       * DO NOT CHANGE THE FOLLOWING FIELD DECLARATIONS.
18
19
      protected DListNode prev;
20
21
      protected DListNode next;
22
23
      /**
       * DListNode() constructor.
24
25
       * Oparam i the item to store in the node.
26
       * @param l the list this node is in.
27
       * @param p the node previous to this node.
       * @param n the node following this node.
28
29
30
      DListNode(Object i, DList l, DListNode p, DListNode n) {
31
        item = i;
32
        myList = l;
33
        prev = p;
34
        next = n;
35
36
37
38
       * isValidNode returns true if this node is valid; false otherwise.
```

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```
42
             * @return true if this node is valid; false otherwise.
44
       * Performance: runs in O(1) time.
45
46
47
      public boolean isValidNode() {
48
        return myList != null;
49
      }
50
51
      /**
      * next() returns the node following this node. If this node is invalid,
52
       * throws an exception.
53
54
55
       * @return the node following this node.
56
       * @exception InvalidNodeException if this node is not valid.
57
       * Performance: runs in O(1) time.
58
59
60
      public ListNode next() throws InvalidNodeException {
61
        if (!isValidNode()) {
          throw new InvalidNodeException("next() called on invalid node");
62
        }.
63
64
        return next;
      }
65
66
67
68
       * prev() returns the node preceding this node. If this node is invalid,
       * throws an exception.
70
71
       * @return the node preceding this node.
72
       st @exception InvalidNodeException if this node is not valid.
73
74
       * Performance: runs in O(1) time.
75
       */
      public ListNode prev() throws InvalidNodeException {
76
        if (!isValidNode()) {
77
          throw new InvalidNodeException("prev() called on invalid node");
78
79
80
        return prev;
81
      }
82
83
84
       * insertAfter() inserts an item immediately following this node. If this
85
       * node is invalid, throws an exception.
86
       * @param item the item to be inserted.
87
       * @exception InvalidNodeException if this node is not valid.
88
89
90
       * Performance: runs in O(1) time.
91
       */
92
      public void insertAfter(Object item) throws InvalidNodeException {
93
        if (!isValidNode()) {
          throw new InvalidNodeException("insertAfter() called on invalid node");
94
95
        }
96
        // Your solution here. Will look something like your Homework 4 solution,
97
        // but changes are necessary. For instance, there is no need to check if
98
            "this" is null. Remember that this node's "myList" field tells you
99
        // what DList it's in. You should use myList.newNode() to create the
100
        // new node.
101
          DListNode new_node = ((DList)myList).newNode(item,(DList)myList,this,this.next);
102
          this.next.prev = new_node;
103
          this.next = new_node;
104
          this.myList.size++;
105
      }
106
107
       * insertBefore() inserts an item immediately preceding this node. If this
108
109
       * node is invalid, throws an exception.
110
111
       st @param item the item to be inserted.
112
       * @exception InvalidNodeException if this node is not valid.
```

```
113
         *114 * Performance: runs in O(1) time.
 115
        public void insertBefore(Object item) throws InvalidNodeException {
 116
          if (!isValidNode()) {
 117
            throw new InvalidNodeException("insertBefore() called on invalid node");
 118
 119
          // Your solution here. Will look something like your Homework 4 solution,
 120
 121
          // but changes are necessary. For instance, there is no need to check if
 122
          // "this" is null. Remember that this node's "myList" field tells you
          // what DList it's in. You should use myList.newNode() to create the
 123
 124
 125
            DListNode new_node = ((DList)myList).newNode(item,(DList)myList,this.prev,this);
 126
            this.prev.next = new_node;
 127
            this.prev = new_node;
            this.myList.size++;
 128
        }
 129
 130
 131
        /**
 132
         * remove() removes this node from its DList. If this node is invalid,
 133
         * throws an exception.
  134
  135
         * @exception InvalidNodeException if this node is not valid.
 136
 137
         * Performance: runs in O(1) time.
 138
         */
 139
        public void remove() throws InvalidNodeException {
          if (!isValidNode()) {
 140
            throw new InvalidNodeException("remove() called on invalid node");
 141
 142
          // Your solution here. Will look something like your Homework 4 solution,
 143
          // but changes are necessary. For instance, there is no need to check if
 144
              "this" is null. Remember that this node's "myList" field tells you
 145
 146
          // what DList it's in.
 147
            this.prev.next = this.next;
            this.next.prev = this.prev;
 148
 149
            this.myList.size--;
 150
 151
 152
          // Make this node an invalid node, so it cannot be used to corrupt \ensuremath{\mathsf{myList}}.
 153
          myList = null;
 154
 155
          // Set other references to null to improve garbage collection.
 156
          next = null:
 157
          prev = null;
 158
  159
  160
DList
   1
      /* DList.java */
   2
   3
      package com.homework5;
   4
   5
      * A DList is a mutable doubly-linked list ADT. Its implementation is
   6
   7
       * circularly-linked and employs a sentinel node at the head of the list.
   8
   9
       * DO NOT CHANGE ANY METHOD PROTOTYPES IN THIS FILE.
  10
      **/
  11
      public class DList extends List {
  12
  13
  14
        /**
  15
         * (inherited) size is the number of items in the list.
  16
         * head references the sentinel node.
  17
         * Note that the sentinel node does not store an item, and is not included
         * in the count stored by the "size" field.
  18
  19
```

```
st DO NOT CHANGE THE FOLLOWING FIELD DECLARATION. _{21}\mid
20
22
      protected DListNode head;
23
24
25
      /* DList invariants:
26
      * 1) head != null.
       * 2) For every DListNode x in a DList, x.next != null.
27
       * 3) For every DListNode x in a DList, x.prev != null.
28
29
       * 4) For every DListNode x in a DList, if x.next == y, then y.prev == x.
30
       * 5) For every DListNode x in a DList, if x.prev == y, then y.next == x.
31
       * 6) For every DList l, l.head.myList = null. (Note that l.head is the
32
              sentinel.)
       * 7) For every DListNode x in a DList l EXCEPT l.head (the sentinel),
33
             x.myList = l.
       * 8) size is the number of DListNodes, NOT COUNTING the sentinel,
35
36
             that can be accessed from the sentinel (head) by a sequence of
37
             "next" references.
38
       **/
39
40
      /**
41
       * newNode() calls the DListNode constructor. Use this method to allocate
42
       * new DListNodes rather than calling the DListNode constructor directly.
       * That way, only this method need be overridden if a subclass of DList
43
44
       * wants to use a different kind of node.
45
46
       * @param item the item to store in the node.
47
       * @param list the list that owns this node. (null for sentinels.)
       * @param prev the node previous to this node.
48
49
       * @param next the node following this node.
50
51
      protected DListNode newNode(Object item, DList list,
                                 DListNode prev, DListNode next) {
52
53
       return new DListNode(item, list, prev, next);
54
      }
55
56
57
      * DList() constructs for an empty DList.
58
      public DList() {
       // Your solution here. Similar to Homework 4, but now you need to specify
61
       // the `list' field (second parameter) as well.
62
         head = newNode(null,null,null,null);
63
         head.next = head;
64
         head.prev = head;
65
         size = 0;
      }
66
67
68
      /**
69
      * insertFront() inserts an item at the front of this DList.
70
71
       * @param item is the item to be inserted.
72
73
       * Performance: runs in O(1) time.
74
      public void insertFront(Object item) {
75
76
       // Your solution here. Similar to Homework 4, but now you need to specify
77
       // the `list' field (second parameter) as well.
78
         DListNode new_node = newNode(item,this,head,head.next);
79
         head.next.prev = new_node;
80
         head.next = new node;
81
         size++;
82
      }
83
      * insertBack() inserts an item at the back of this DList.
85
86
87
       * @param item is the item to be inserted.
88
89
       * Performance: runs in O(1) time.
90
       **/
```

```
91 public void insertBack(Object item) { 92
     // Your solution here. Similar to Homework 4, but now you need to specify 93
     // the `list' field (second parameter) as well. 94
      DListNode new_node = newNode(item,this,head.prev,head); 95
      head.prev.next = new_node; 96
                                         head.prev = new_node;
97
          size++;
98
99
100
101
       st front() returns the node at the front of this DList. If the DList is
102
          empty, return an "invalid" node--a node with the property that any
103
       * attempt to use it will cause an exception. (The sentinel is "invalid".)
104
       * DO NOT CHANGE THIS METHOD.
105
106
107
       * @return a ListNode at the front of this DList.
108
       * Performance: runs in O(1) time.
109
110
       */
111
      public ListNode front() {
112
        return head.next;
113
114
115
116
       * back() returns the node at the back of this DList. If the DList is
       * empty, return an "invalid" node——a node with the property that any
117
118
       \ast attempt to use it will cause an exception. (The sentinel is "invalid".)
119
120
       * DO NOT CHANGE THIS METHOD.
121
122
       * @return a ListNode at the back of this DList.
123
       * Performance: runs in O(1) time.
124
125
126
      public ListNode back() {
127
        return head.prev;
128
129
130
131
       * toString() returns a String representation of this DList.
132
       * DO NOT CHANGE THIS METHOD.
133
134
135
       * @return a String representation of this DList.
136
137
       * Performance: runs in O(n) time, where n is the length of the list.
138
139
      public String toString() {
140
        String result = "[ ";
141
        DListNode current = head.next;
142
        while (current != head) {
          result = result + current.item + " ";
143
144
          current = current.next:
145
146
        return result + "]";
147
148
      private static void testInvalidNode(ListNode p) {
149
150
        System.out.println("p.isValidNode() should be false: " + p.isValidNode());
151
152
          p.item();
153
          System.out.println("p.item() should throw an exception, but didn't.");
154
        } catch (InvalidNodeException lbe) {
155
          System.out.println("p.item() should throw an exception, and did.");
        }
156
157
        try {
          p.setItem(new Integer(0));
158
          System.out.println("p.setItem() should throw an exception, but didn't.");
159
160
        } catch (InvalidNodeException lbe) {
161
          System.out.println("p.setItem() should throw an exception, and did.");
162
```

```
163
                        p.next();
165
          System.out.println("p.next() should throw an exception, but didn't.");
        } catch (InvalidNodeException lbe) {
166
167
          System.out.println("p.next() should throw an exception, and did.");
168
        }
169
        try {
170
          p.prev();
          System.out.println("p.prev() should throw an exception, but didn't.");
171
172
        } catch (InvalidNodeException lbe) {
173
          System.out.println("p.prev() should throw an exception, and did.");
174
175
        try {
176
          p.insertBefore(new Integer(1));
177
          System.out.println("p.insertBefore() should throw an exception, but " +
178
                              "didn't."):
179
        } catch (InvalidNodeException lbe) {
180
          System.out.println("p.insertBefore() should throw an exception, and did."
181
182
        try {
183
          p.insertAfter(new Integer(1));
184
          System.out.println("p.insertAfter() should throw an exception, but " +
185
                              "didn't."):
186
        } catch (InvalidNodeException lbe) {
187
188
          System.out.println("p.insertAfter() should throw an exception, and did."
189
                              );
190
191
        try {
192
          p.remove():
193
          System.out.println("p.remove() should throw an exception, but didn't.");
194
        } catch (InvalidNodeException lbe) {
195
          System.out.println("p.remove() should throw an exception, and did.");
196
        }
197
      }
198
199
      private static void testEmpty() {
200
        List l = new DList();
201
        System.out.println("An empty list should be [ ]: " + l);
202
        System.out.println("l.isEmpty() should be true: " + l.isEmpty());
203
        System.out.println("l.length() should be 0: " + l.length());
        System.out.println("Finding front node p of l.");
204
205
        ListNode p = l.front();
206
        testInvalidNode(p);
207
        System.out.println("Finding back node p of l.");
208
        p = l.back();
209
        testInvalidNode(p);
210
        l.insertFront(new Integer(10));
211
        System.out.println("l after insertFront(10) should be [ 10 ]: " + l);
212
213
214
      public static void main(String[] argv) {
215
        testEmpty();
216
        List l = new DList();
217
        l.insertFront(new Integer(3));
218
        l.insertFront(new Integer(2));
219
        l.insertFront(new Integer(1));
220
        System.out.println("l is a list of 3 elements: " + l);
221
        try {
222
          ListNode n;
223
          int i = 1:
224
          for (n = l.front(); n.isValidNode(); n = n.next()) {
225
            System.out.println("n.item() should be " + i + ": " + n.item());
226
            n.setItem(new Integer(((Integer) n.item()).intValue() * 2));
            System.out.println("n.item() should be " + 2 * i + ": " + n.item());
227
228
229
230
          System.out.println("After doubling all elements of 1: " + 1);
231
          testInvalidNode(n):
232
233
          i = 6;
```

```
for (n = l.back(); n.isValidNode(); n = n.prev()) {235}
234
         System.out.println("n.item() should be " + i + ": " + n.item());236
        n.setItem(new Integer(((Integer) n.item()).intValue() * 2));237
         System.out.println("n.item() should be " + 2 * i + ": " + n.item());238
         i = i - 2;239
240
          System.out.println("After doubling all elements of l again: " + l);
241
          testInvalidNode(n);
242
243
          n = l.front().next();
244
          System.out.println("Removing middle element (8) of l: " + n.item());
245
246
          System.out.println("l is now: " + l);
247
          testInvalidNode(n);
248
          n = l.back();
          System.out.println("Removing end element (12) of l: " + n.item());
249
250
          n.remove();
251
          System.out.println("l is now: " + l);
252
          testInvalidNode(n):
253
254
          n = l.front();
255
          System.out.println("Removing first element (4) of l: " + n.item());
256
257
          System.out.println("l is now: " + l);
258
          testInvalidNode(n);
259
        } catch (InvalidNodeException lbe) {
260
          System.err.println ("Caught InvalidNodeException that should not happen."
261
          System.err.println ("Aborting the testing code.");
262
263
264
265 }
```

Set

```
package com.homework5;/* Set.java */
 1
 2
 3
 4
    * A Set is a collection of Comparable elements stored in sorted order.
 5
 6
    * Duplicate elements are not permitted in a Set.
 7
 8
    public class Set {
 9
      /* Fill in the data fields here. */
10
        List setList;
11
12
13
      * Set ADT invariants:
       * 1) The Set's elements must be precisely the elements of the List.
14
15
       st 2) The List must always contain Comparable elements, and those elements
16
              must always be sorted in ascending order.
       \ast 3) No two elements in the List may be equal according to compareTo().
17
18
      **/
19
20
      /**
21
      * Constructs an empty Set.
22
23
       * Performance: runs in O(1) time.
24
      **/
25
      public Set() {
26
        // Your solution here.
27
          setList = new DList();
28
29
30
      /**
31
      * cardinality() returns the number of elements in this Set.
32
33
       * Performance: runs in O(1) time.
34
       **/
      public int cardinality() {
```

```
// Replace the following line with your solution. _{
m 37}
36
                                                                   return setList.length();
38
      }
39
40
41
       * insert() inserts a Comparable element into this Set.
42
       st Sets are maintained in sorted order. The ordering is specified by the
43
       * compareTo() method of the java.lang.Comparable interface.
44
45
46
       * Performance: runs in O(this.cardinality()) time.
47
       **/
48
      public void insert(Comparable c) {
49
        // Your solution here.
50
          if (setList.isEmpty()){
              setList.insertFront(c);
51
52
          } else {
53
              ListNode current = setList.front();
54
55
              while(current != setList.back() && ((Comparable)(current.item)).compareTo(c)<0){</pre>
56
                  current = current.next();
57
58
              if(((Comparable)(current.item)).compareTo(c) > 0){
59
60
                   current.insertBefore(c);
61
              } else if(current == setList.back() && ((Comparable)(current.item)).compareTo(c) < 0){
62
                   current.insertAfter(c);
63
64
65
              } catch (InvalidNodeException e){
66
                   System.out.println("Exception caught");
67
          }
68
      }
69
70
71
      /**
72
       * union() modifies this Set so that it contains all the elements it
73
       * started with, plus all the elements of s. The Set s is NOT modified.
       * Make sure that duplicate elements are not created.
74
75
76
       * Performance: Must run in O(this.cardinality() + s.cardinality()) time.
77
78
       st Your implementation should NOT copy elements of s or "this", though it
79
       st will copy _references_ to the elements of s. Your implementation will
80
       * create new _nodes_ for the elements of s that are added to "this", but
81
       * you should reuse the nodes that are already part of "this".
82
       * DO NOT MODIFY THE SET s.
83
       * DO NOT ATTEMPT TO COPY ELEMENTS; just copy _references_ to them.
84
85
       **/
86
      public void union(Set s) {
87
        // Your solution here.
88
          if(s != null && !s.setList.isEmpty()){
89
              ListNode curNode = this.setList.front();
90
              ListNode sNode = s.setList.front();
91
              Comparable curItem, sItem;
92
              try {
                   while (curNode.isValidNode() && sNode.isValidNode()){
93
                       curItem = (Comparable)curNode.item;
94
95
                       sItem = (Comparable)sNode.item;
96
                       if (curItem.compareTo(sItem) == 0){
97
                           curNode = curNode.next();
98
                           sNode = sNode.next();
                       }else if(curItem.compareTo(sItem) < 0){</pre>
100
                           curNode = curNode.next();
101
                       } else {
102
                           curNode.insertBefore(sNode);
103
                           curNode = curNode.next();
104
105
                  }
106
```

```
107
                  while (sNode.isValidNode())\{_{108}|
                                                                       sItem = (Comparable)sNode.item;
                       setList.insertBack(sItem);
109
                       sNode = sNode.next();
110
111
              } catch (InvalidNodeException e){
112
113
                  System.out.println("Union Failed");
114
115
116
117
118
119
120
          intersect() modifies this Set so that it contains the intersection of
          its own elements and the elements of s. The Set s is NOT modified.
121
122
          Performance: Must run in O(this.cardinality() + s.cardinality()) time.
123
124
125
          Do not construct any new ListNodes during the execution of intersect.
          Reuse the nodes of "this" that will be in the intersection.
126
127
128
          DO NOT MODIFY THE SET s.
       * DO NOT CONSTRUCT ANY NEW NODES.
129
130
       * DO NOT ATTEMPT TO COPY ELEMENTS.
131
132
      public void intersect(Set s) {
133
        // Your solution here.
134
          if (!s.setList.isEmpty() && s != null){
              ListNode curNode = this.setList.front();
135
              ListNode sNode = s.setList.front();
136
137
              Comparable curItem, sItem;
138
              try {
139
                 while(curNode.isValidNode() && sNode.isValidNode()){
                     curItem = (Comparable)curNode.item;
140
141
                     sItem = (Comparable)sNode.item;
142
                     if (curItem.compareTo(sItem) == 0){
143
                         curNode = curNode.next();
144
                         sNode = sNode.next();
145
                     } else if (curItem.compareTo(sItem) < 0) {</pre>
146
                         if (curNode != setList.back()){
                             curNode = curNode.next();
147
148
                             curNode.prev().remove();
149
                         } else{
150
                             curNode.remove();
151
152
                     } else {
                         sNode = sNode.next();
153
154
155
156
              }
157
              while (curNode.isValidNode()){
158
159
                     if (curNode != setList.back()){
                         curNode = curNode.next();
160
161
                         curNode.prev().remove();
162
                     } else {
163
                         curNode.remove();
164
165
166
167
               }catch (InvalidNodeException e){
168
                   System.out.println("Intersect Failed");
169
170
          }
171
      }
172
173
      /**
174
          toString() returns a String representation of this Set. The String must
175
          have the following format:
176
             { } for an empty Set. No spaces before "{" or after "}"; two spaces
177
                     between them.
             { 1 2 3 } for a Set of three Integer elements. No spaces before
```

```
179
                     "{" or after "}"; two spaces before and after each element.
                 Elements are printed with their own toString method, whatever181
                 that may be. The elements must appear in sorted order, from182
                 lowest to highest according to the compareTo() method.183
184
          WARNING: THE AUTOGRADER EXPECTS YOU TO PRINT SETS IN _EXACTLY_ THIS
185
                     FORMAT, RIGHT UP TO THE TWO SPACES BETWEEN ELEMENTS. ANY
                     DEVIATIONS WILL LOSE POINTS.
186
187
       **/
188
      public String toString() {
189
        // Replace the following line with your solution.
          String p = "{ ";
190
          ListNode curNode = setList.front();
191
192
          try{
193
              while(curNode.isValidNode()){
194
                   p = p + curNode.item + " ";
195
                   curNode = curNode.next();
196
197
          }catch (InvalidNodeException e){
198
              System.out.println("toString() Failed");
199
200
          p = p + "}";
201
          return p;
202
203
204
      public static void main(String[] argv) {
205
        Set s = new Set();
        s.insert(new Integer(3));
206
207
        s.insert(new Integer(4));
208
        s.insert(new Integer(3));
209
        System.out.println("Set s = " + s);
210
211
        Set s2 = new Set():
        s2.insert(new Integer(4));
212
213
        s2.insert(new Integer(5));
        s2.insert(new Integer(5));
214
        System.out.println("Set s2 = " + s2);
215
216
217
        Set s3 = new Set();
218
        s3.insert(new Integer(5));
219
        s3.insert(new Integer(3));
220
        s3.insert(new Integer(8));
221
        System.out.println("Set s3 = " + s3);
222
223
        s.union(s2);
        System.out.println("After s.union(s2), s = " + s);
224
225
226
        s.intersect(s3):
        System.out.println("After s.intersect(s3), s = " + s);
227
228
229
        System.out.println("s.cardinality() = " + s.cardinality());
230
        // You may want to add more (ungraded) test code here.
231
232 }
```

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⊚ 127

Part 1.smoosh()函数,目的是将数组中出现的所有数字产生重复的部分删除,例如1... 来自: everest115的博客

CS61B Homework6作业回顾(附代码)

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本次作业重点是hascode和compress function,评价一个compress function好坏的标... 来自: everest115的博客

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UCB的本科课程CS61B和CS170是利用java语言对数据结构与算法进行了详细的讲... 来自: 一只小包子的博客

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Berkeley CS61B_Data_Structures Video Lecture

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recorded from: http://webcast.berkeley.edu/course_details.php?seriesid=19069783... 来自: ramboisme的专栏

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Lists 1. IntLists 下面我们来一步一步的实现List类,首先你可以实现一个最简单... 来自: 隐秀_

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⊚ 232

OOP(object-oriented programming): object: a repository of data; class: type of objec... 来自: Emacsor的博客

CS61B Homework9作业回顾(附代码)

⊚ 57

本次作业主要学会运用Disjoin Sets,DisjointSets的class作业已经写好给出。class... 来自: everest115的博客

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cs61a 2018 spring Lab4 Lists and Data Abstraction...('Stanford', 34.05, 118.25) >>> closer_...term) return temp...

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Introduction to Java Essentials 1. Reading 1.1 Hello World 这门课程虽然是用Ja... 来自: 隐秀_

文章热词 java记录目录树 javaweb 博客源码 java 用户登录挤下线 java开发直播平台 int数字比较 java

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05-14 Efficient C Programming Techniques.pdf Efficient...Spring IoC容器浅析及简单实现 Linux 基本操作总结(.....

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https://blog.csdn.net/everest115/article/details/79467645

数据结构 tuple 是一种至类型

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@ 1338

嗯 今天刚看第二周的课程,大量的 reading 材料我是真的要崩溃了,全英。。。。。 来自: 柠檬黄先生的博客

C++实现控制台版2048(内附彩蛋)

@ 124

之前做过一个JavaScript版本的2048游戏,最近在学习C++,昨天晚上突然... 来自: 隐秀

cs61a 2018 spring Lab4 Lists and Data Abstraction 笔记

list Lists are Python data structures that can store multiple values. list comprehensi... 来自: Siucaan

Homework6 ⊚ 31

智能巡逻兵游戏规则游戏规则 使用WSAD或方向键上下左右移动player,进入巡逻兵... 来自: qq_36335897的...

【深入浅出】| 基于深度学习的机器翻译(附PDF+视频下载)

微信公众号关键字全网搜索最新排名【机器学习算法】: 排名第一【机器学习】: 排... 来自: 机器学习算法与...

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leetcode全部题目答案 ◎ 1.3万

32. Longest Valid Parentheses Given a string containing just the characters '(' and ')... 来自: 陈善亮的博客

LeetCode 答案(Easy) (1-100) ⊚ 1984

7 . Reverse IntegerReverse digits of an integer.Example1: x = 123, return 321 Exa... 来自: CapMiachael的...

漫画: 如何实现抢红包算法? ⊚ 1.2万

来自: 程序员小灰的博客

微信红包的随机算法是怎样实现的? ◎ 1.9万

导语: 今天看到有人问: 关于微信红包的随机算法! 就查阅资料看了一下"微信红包... 来自: 精彩人生从此刻...

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CS61B Homework4作业回顾(附代码)

这次作业没有测试代码,一亩地上有测试数据链接:http://pan.baidu.com/s/1dD5ql4P... 来自: everest115的博客

java compareTo() 用法注意点 ◎ 1.9万

转自: http://www.2cto.com/kf/201305/210466.html compareTo就是比较两个值,如... 来自: 风随星月

compareTo返回值为-1、1、0的排序问题 ◎ 1.2万

首先,先看代码内容: (希望大家自己可以运行尝试,以加深记忆和理解) packag... 来自: 狼郎

达内课程-集合之LinkedList ⊚ 401

达内课程-集合之LinkedList 来自: Errol's Blog

Java中Collections.sort()排序详解 ◎ 3.5万

java中Collections.sort排序详解java基础—— Collections.sort的两种用法,简单明了... 来自: 薛瑄的博客



2018/11/2 CS61B Homework5作业回顾(附代码) - everest115的博客 - CSDN博客

一、结构体编程: (1) 结构体初始化 今天在编程过程中。一个结构体定义 struct bss... 来自: Something of a...

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代码回顾: 编程中一些经验性的问题

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LeetCode总结 ◎ 13.3万

最近完成了www.leetcode.com的online judge中151道算法题目。除各个题目有特殊... 来自: Allan的专栏

LeetCode刷题指南(一) ◎ 8万

以下是我个人做题过程中的一些体会: 1. LeetCode的题库越来越大, 截止到目前, ... 来自: Lnho的专栏

leetcode官网及使用 ⊚ 6594

官网:leetcode 来自: BoomMan

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官方网站: http://leetcode.com/LeetCode是一个美国的在线编程网站,上面主要收集... 来自: haimianjie2012...

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最近再刷leetcode题目,找到了这个大神的博客总结,收藏一下 LeetCode All in One... 来自: 蘇、的博客

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回顾2016, 工作总结! © 740

在2016年里,还记得最初自己的工作态度并不是非常的好,随着工作时间的累积,... 来自: -JackoChan

团队敏捷实践: 迭代回顾会议 @ 2867

迭代回顾会议(不超过1个小时) 1. 上一次的行动完成的证据。没有完成要怎么办... 来自: xuesiyuan的专栏

leetcode的开始—两数之和, c++

给定一个整数数列,找出其中和为特定值的那两个数。你可以假设每个输入都只会有... 来自: prime_lee的博客

我们的敏捷之路——回顾会议

前言我们引入敏捷已经超过2年了,经过长时间的不断尝试逐渐摸索出一套适应于我... 来自: zhaoenweiex的...

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1. Automatic Conversions 1.1 Autoboxing and Unboxing Java中的泛型用到了&... 来自: 隐秀

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leetcode_812_ 最大三角形面积 o 194

给定包含多个点的集合,从其中取三个点组成三角形,返回能组成的最大三角形的面... 来自: Snow Jie的博客

LeetCode85——Maximal Rectangle

初看这道题有点不知所措,但是其实是LeetCode84——Largest Rectangle in Histogr... 来自: 上善若水

LeetCode84——Largest Rectangle in Histogram

◎ 1470来自: 上善若水

⊚ 1820

在柱状图中找到面积最大的矩形。

【LeetCode--数据库】分数排名

1874

178. Rank Scores(中等) 题目:编写一个sql语句来实现分数排名,如果两个分数... 来自:小白壮壮的博客

Google面经,已拿到offer哦!

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我面的职位是Softwre Engineer, Tools and Infrastracture, 所以开发和测试的问题都... 来自: UU小站

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