

PL UID: dev

Question 1: heap_shorts_array_implementation_mc

Question 1.1: heap_array

INCORRECT: 0

Using the heap to sort the array is asymptotically as efficient as using mergeSort.

The heap order property may be violated by swapping the contents of two adjacent locations in arr so that the first is now smaller than the second.

['a', 'c']

Question 2: heap_shorts_build_heap

Question 2.1: arr

INCORRECT: 0

[5, 13, 46, 32, 52, 88, 85, 37, 61, 72]

[89, 8, 890, 89, 890, 809, 809, 89, 89, 89]

Question 3: heap_shorts_operations

Question 3.1: heap_manipulation_insert

INCORRECT: 0

Expected: [{ 'key': 'c', 'html': '21'}, { 'key': 'e', 'html': '53'}, { 'key': 'g', 'html': '59'}]

f

Question 3.2: heap_manipulation_remove

INCORRECT: 0

Expected: [{key: 'a', 'html': '16'}, {key: 'b', 'html': '20'}, {key: 'd', 'html': '23'}, {key: 'g', 'html': '59'}]

b

Question 1: disjt_unions

Question 1.1: height

INCORRECT: 0

Expected: 2

890

Question 1.2: unions

INCORRECT: 0

Expected: 12

908

Question 1.3: uptreenum

INCORRECT: 0

Expected: 38186

890

INCORRECT: 0

mdtest.md

Phrase Emphasis

Markdown: Some of these words are emphasized. Some of these words are emphasized also. Use two asterisks for strong emphasis. Or, if you prefer, use two underscores instead.

Lists

- Red
- Green
- Blue

Ordered (numbered) lists use regular numbers, followed by periods, as list markers:

1. Red
2. Green
3. Blue

Code

This is a code indent!

To specify an entire block of pre formatted code, indent every line of the block by 4 spaces or 1 tab. Just like with code spans, `&`, `<`, and `>` characters will be escaped automatically.

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```
void playList(vector<char> &A)

{

    bool Tay = // YOUR CODE HERE!!

        for (int i = 1; i < A.size(); i++)

        {

            int next = findNext(A, i, Tay);

            swap(A[next], A[i]);

            Tay = !Tay;

        }

}
```

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