

PL UID:

Question 1: heap_shorts_array_implementation_mc

Question 1.1: heap_array

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.

Question 2: heap_shorts_build_heap

Question 2.1: arr

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

Question 3: heap_shorts_operations

Question 3.1: heap_manipulation_insert

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

Question 3.2: heap_manipulation_remove

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

Question 1: disjt_unions

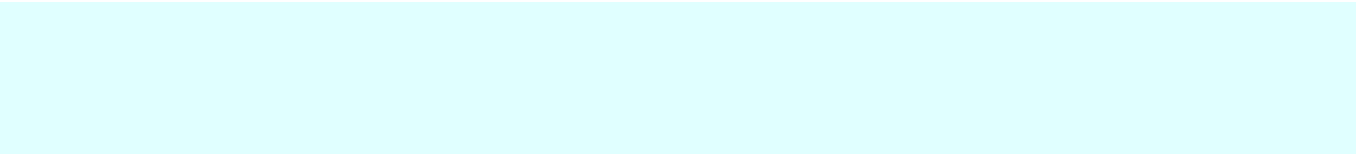
Question 1.1: height

Expected: 2

Question 1.2: unions

Expected: 12

Question 1.3: uptreenum



Expected: 38186

Question 1.4: files

mdtest.md

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playListAns.cpp

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