constructor() {

} else {

Solution 1

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} else if (this.lowers.length > this.greaters.length) {

this.median = this.lowers.peek();

Solution 1 Solution 2

Run Code

Our Solution(s)

Run Code

Your Solutions

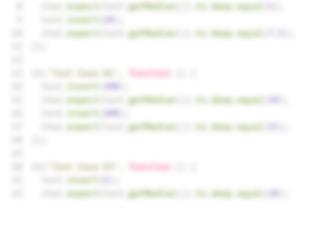
14px

Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
3 class ContinuousMedianHandler {
      this.lowers = new Heap(MAX_HEAP_FUNC, []);
      this.greaters = new Heap(MIN_HEAP_FUNC, []);
      this.median = null;
    // O(log(n)) time | O(n) space
                                                                            10
    insert(number) {
                                                                            11
      if (!this.lowers.length || number < this.lowers.peek()) {</pre>
                                                                            12
        this.lowers.insert(number);
                                                                            13
                                                                            14
        this.greaters.insert(number);
                                                                            16
      this.rebalanceHeaps();
                                                                            17
      this.updateMedian();
                                                                            18
    rebalanceHeaps() {
      if (this.lowers.length - this.greaters.length === 2) {
        this.greaters.insert(this.lowers.remove());
      } else if (this.greaters.length - this.lowers.length === 2) {
        this.lowers.insert(this.greaters.remove());
    updateMedian() {
      if (this.lowers.length === this.greaters.length) {
        this.median = (this.lowers.peek() + this.greaters.peek()) / 2;
```

```
1 // Do not edit the class below except for
 2 // the insert method. Feel free to add new
 3 // properties and methods to the class.
 4 class ContinuousMedianHandler {
     constructor(value) {
       // Write your code here.
       this.median = null;
     insert(number) {
       // Write your code here.
     getMedian() {
       return this.median;
19 // Do not edit the line below.
20 exports.ContinuousMedianHandler = ContinuousMedianHandler;
```

Our Tests Custom Output Submit Code



Run or submit code when you're ready.