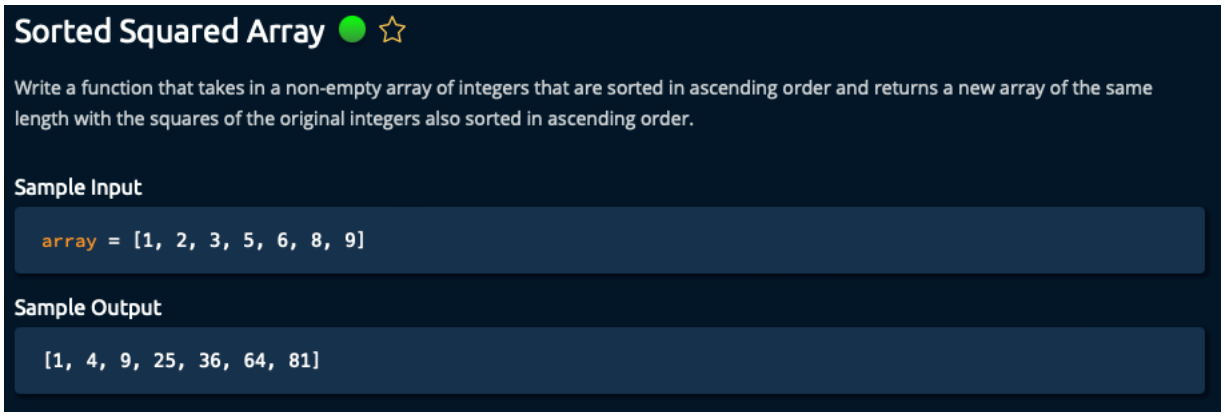
Code Challenge #17 Sorted Squared Array (Easy)

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1. function sortedSquaredArray(array) {
2.   array.sort((a, b)=> a - b)
3.   secondArray = []
4.   for(let i = 0; i < array.length; i++) {
5.           values = array[i]
6.          secondArray.push( values * values)
7.   }
8.   return secondArray = secondArray.sort((a, b)=> a - b)
9. }
10.
```

Explanation

This problem requires you to square the values of an array that are sorted in ascending order. Our main method is called sortedSquaredArray which takes as an argument the input array. We first sort this array using .sort((a, b) => a -b). We then create a secondary array called secondArray which is empty. Using a for loop we iterate through each values of the array and then push the square of the values (values * values) into the secondArray. We then return the secondArray after we sort the secondArray using the same array sorter method used earlier.