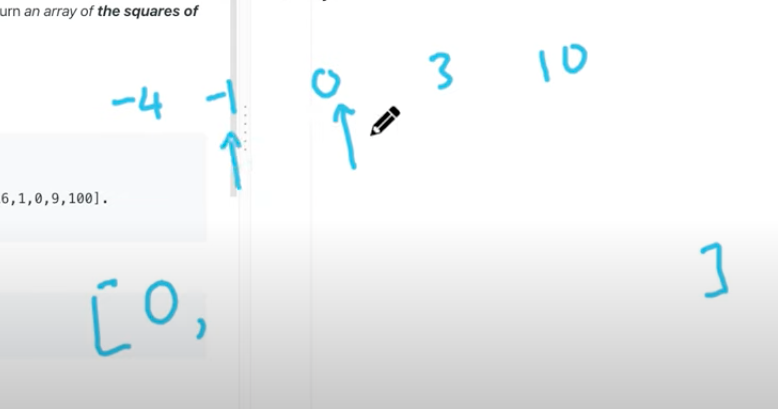
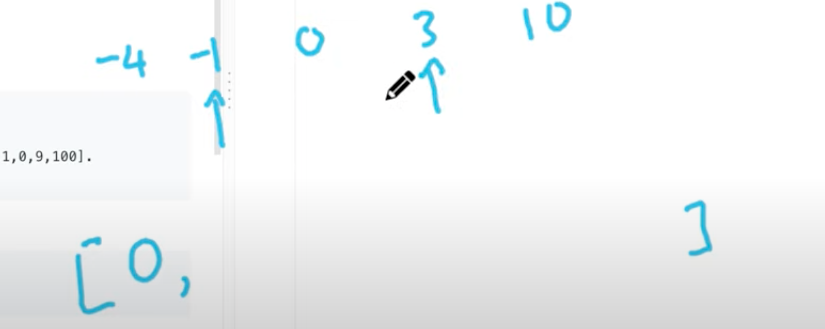
<https://leetcode.com/problems/squares-of-a-sorted-array/>

There are a couple of ways to solve this:

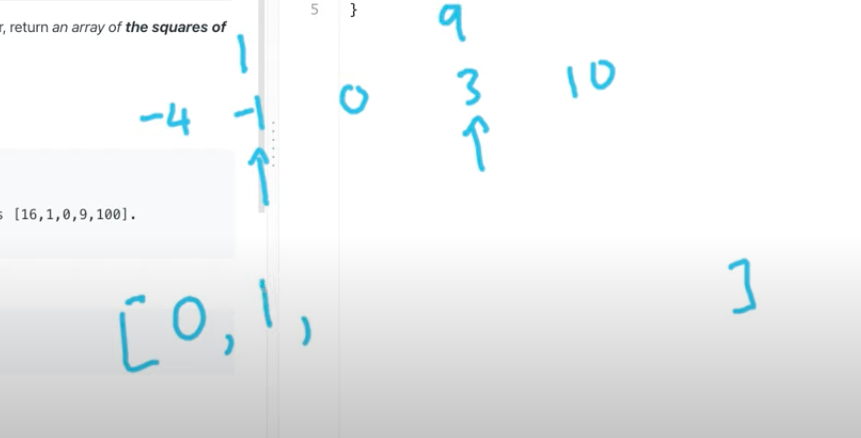
1. Square then sort – give us log(n) time complexity
2. We can use two pointers to solve this problem

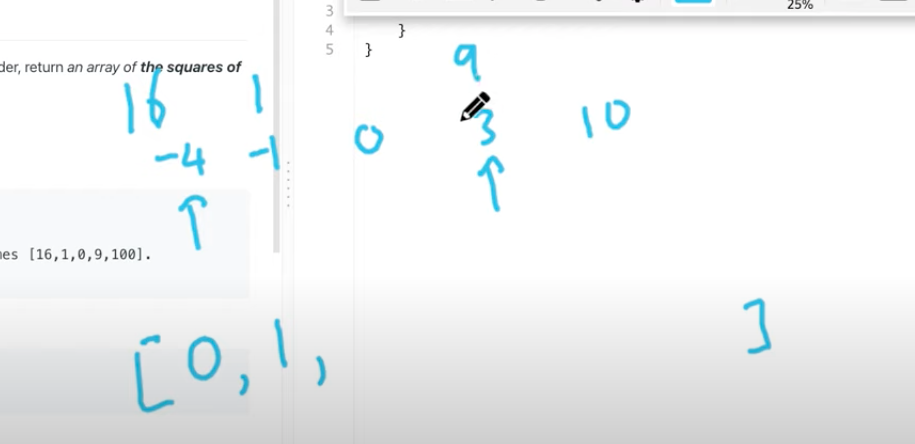


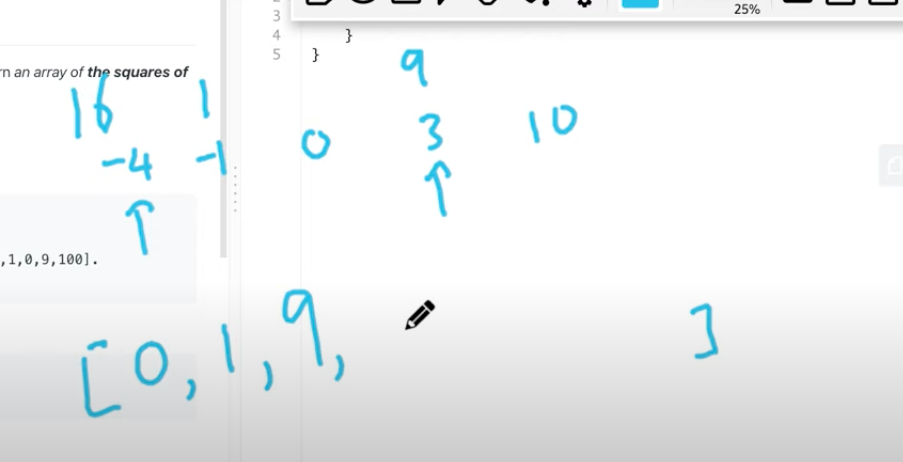


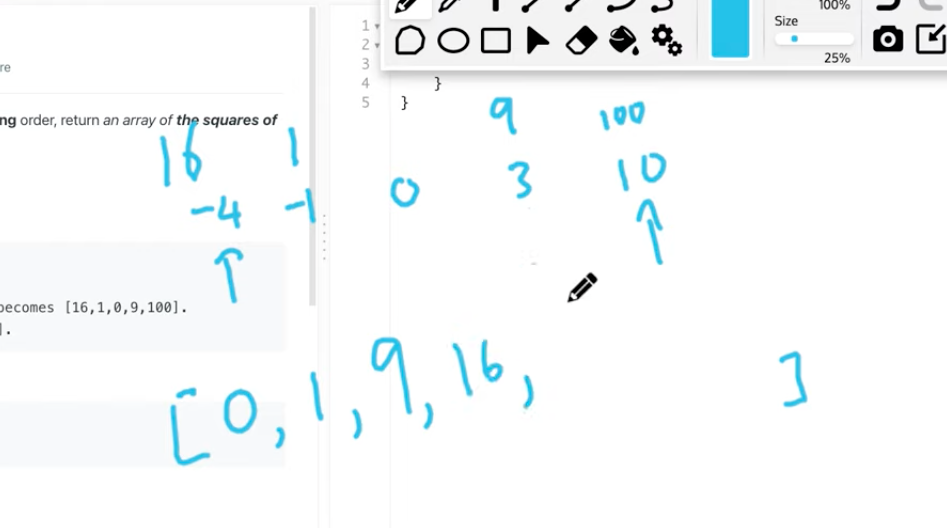


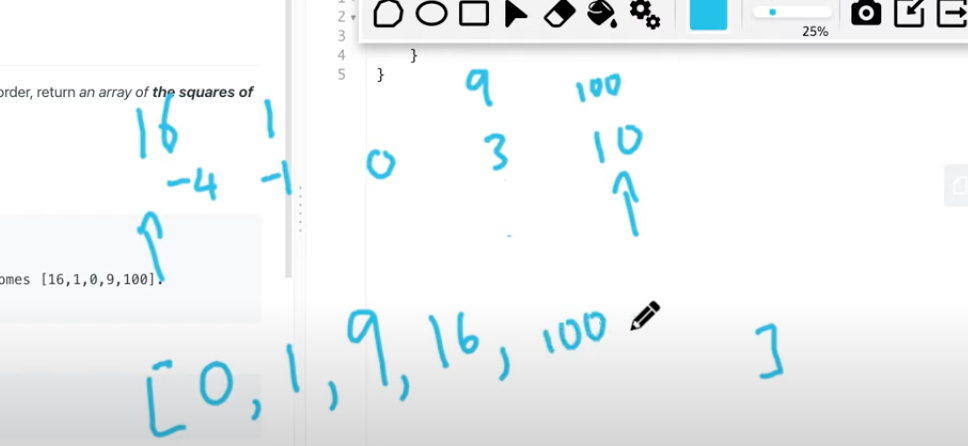
Now, we will square and compare which is the smallest.



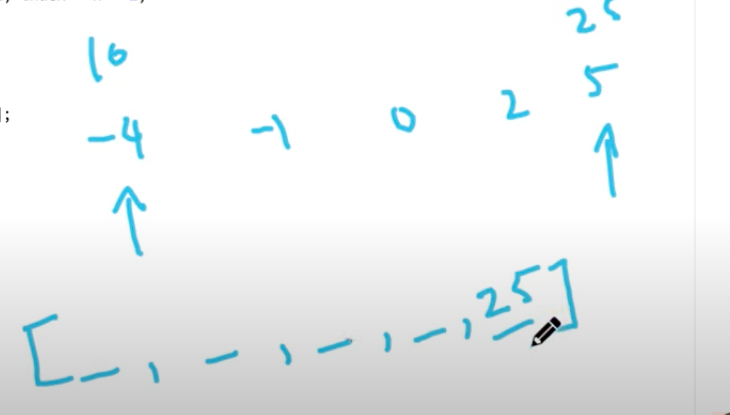


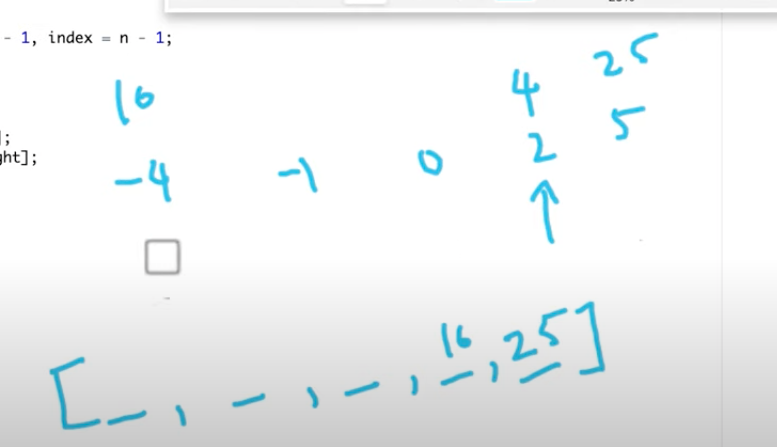






Another WAY:





And so on