

539. Minimum Time Difference

Initial thoughts:

1. Use two variables min1 and min2
2. Iterate thru the list of strings and find the min1 along with the count of min1
3. Iterate again the same list of strings find the min2
4. Now if the same min1 time repeated twice..then we just return the diff (We used count_of_min1..so if count_of_min1 = 2...then the min1 element is there twice)
5. So to find min2 we should run the while loop count_of_min1 times and pop the min1..and then again iterate the and find the min2..
6. I think this approach will take $O(n^2)$ due to while loop
7. Actually my this solution I think would not work
8. Leetcode solution has used bucket sorting

Learning Bucket sort

1. So what is a bucket sort?

Bucket Sort is a sorting technique that sorts the elements by first dividing the elements into several groups called buckets. The elements inside each bucket are sorted using any of the suitable sorting algorithms or recursively calling the same algorithm.



2. Lets code this in python
3. Learning Bucket sort is pending