

Binary Search Playlist



Video-(33)



Somethings on 10016.

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They this Channel to see "Life behind the Scenes Motivation :-

- Rejections don't define you.
 They actually REFINE You.
- Each time you don't get a job, ox an interview goes bad, it's an opportunity to learn.

Ly . What went wound ????

· what can you do differently????

Failure is not a bourier, it's a stepping stone towards success.

2563. Count the Number of Fair Pairs

Medium ♥ Topics • Companies • Hint

Given a **0-indexed** integer array nums of size n and two integers lower and upper return the number of fair pairs.

A pair (i, j) is **fair** if:

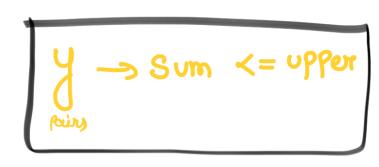
- $0 \ll i \ll j \ll n$, and
- lower <= nums[i] + nums[j] <= upper</pre>

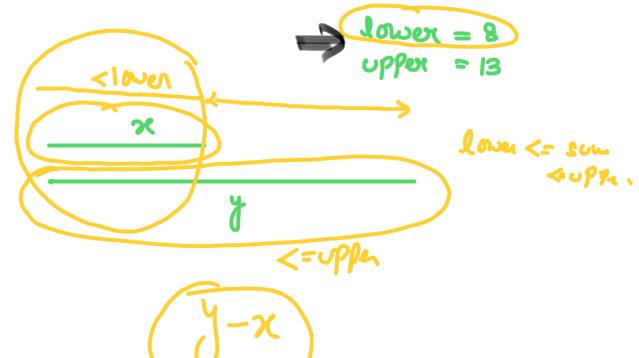
Example: nums =
$$[0, 1, 7, 4, 4, 5]$$

 $|bww| = 3$
 $|bww| = 6$

Thought Trocess

Nums =
$$\{1, 4, 5, 1, 7, 4, 20\}$$
 $\frac{100000 = 8}{4}$





$$num[i]=1$$
 $upper = 13$
 $13-1=12$

X=4 Pairs J=5 Pairs

$$(1,5) = 1+5 = 6$$
 $(1,1) = 2$
 $(1,3) = 1+3 = 8$

Nums =
$$\begin{cases} 1 & 4 & 5 \\ 1 & 4 & 5 \\ 1 & 7 & 4 \\ 1 & 7 & 4 \\ 1 & 7 & 4 \\ 1 & 7 & 4 \\ 1 & 7 & 4 \\ 1 & 7 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 1 & 1 & 20 \\ 1 & 1 & 20 \\ 1 & 20 \\ 1 & 20$$

