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Is Array Subset
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The question is that we have given 2 corroys A and B and we have to find that B is about of A or not.

Based on the question I write down the ways to slove.

way 1:

First thought that comes in my mind is that

- First sort the Both cerray.
- · Then Greate a function that con sort the both array
- · Then after take 2 mested for loups.

it runs for a start to end.

j is for subser element

Add condition that

At the end if (count == sb) then the B is subset of A

Here the time complexity is (sologsa) + o (sologsa) + o (sologsb) + o (sologsb)

Way-2

- · Sorting is the same here
- but checking anested loops that we are taking will gomma change.
- we are just taking I while loop still there are 2 points.

i - A crray
i - subset array

This is the final approach where we

in while (i 2 sa && jasb)

if C contij == contij ?

i++;

(j++;
)

clsc if C contij < contij)

i ++;

}

In the end we got time complexity

O (so loysa + sb logsb)