

Subsets

Try to solve the Subsets problem.



Statement

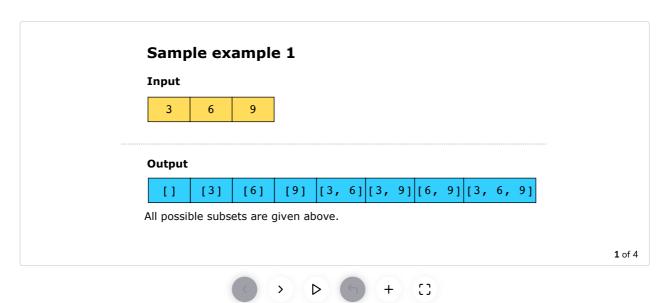
Given an array of integers, nums, find all possible subsets of nums, including the empty set.

Note: The solution set must not contain duplicate subsets. You can return the solution in any order.

Constraints:

- $1 \leq \mathsf{nums.length} \leq 10$
- $-10 \le$ nums[i] ≤ 10
- All the numbers of nums are unique.

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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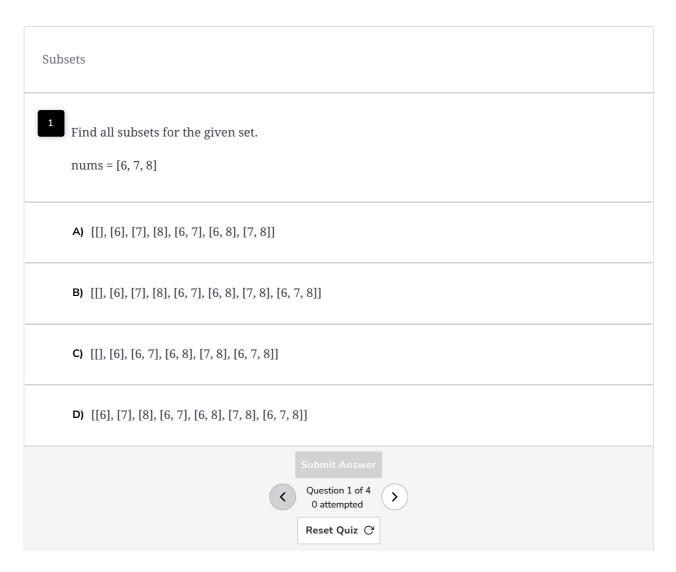
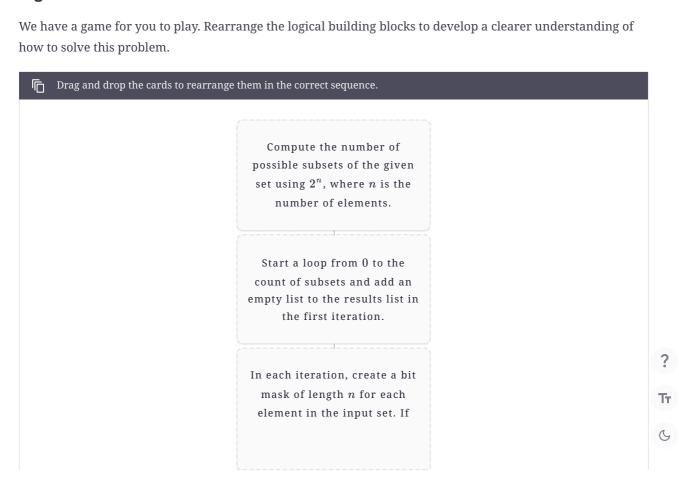


Figure it out!



the i^{th} bit is set, set[i] will be present in the current subset.

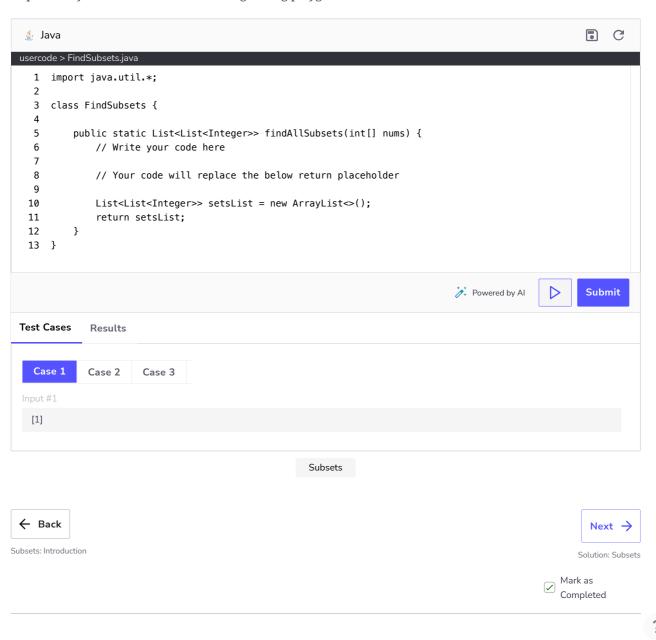
After iterating over all elements in the input set, append the current subset to the list of subsets.

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Try it yourself

Implement your solution in the following coding playground:



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