Our Solution(s) Run Code

Solution 1   **Solution 2**

```python
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# O(n*2^n) time | O(n*2^n) space
def powerset(array, idx=None):
    if idx is None:
        idx = len(array) - 1
    if idx < 0:
        return [[]]
    ele = array[idx]
    subsets = powerset(array, idx - 1)
    for i in range(len(subsets)):
        currentSubset = subsets[i]
        subsets.append(currentSubset + [ele])
    return subsets
```

Your Solutions Run Code

Solution 1   **Solution 2**   **Solution 3**

```python
def powerset(array):
    # Write your code here.
    pass
```

```python
# Copyright © 2020 AlgoExpert, LLC. All rights reserved.

# O(n*2^n) time | O(n*2^n) space
def powerset(array, idx=None):
```

Custom Output   **Raw Output**   Submit Code

```python
def powerset(array):
    # Write your code here.
    pass
```

Run or submit code when you're ready.