Our Solution(s)   Run Code

Solution 1   Solution 2

```csharp
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using System.Collections.Generic;

public class Program {
  // O(n*2^n) time | O(n*2^n) space
  public static List<List<int> > Powerset(List<int> array) {
    List<List<int> > subsets = new List<List<int> >();
    subsets.Add(new List<int>());
    foreach (int ele in array) {
      int length = subsets.Count;
      for (int i = 0; i < length; i++) {
        List<int> currentSubset = new List<int>(subsets[i]);
        currentSubset.Add(ele);
        subsets.Add(currentSubset);
      }
    }
    return subsets;
  }
}
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```csharp
using System.Collections.Generic;

public class Program {
  public static List<List<int> > Powerset(List<int> array) {
    // Write your code here.
    return null;
  }
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.