Our Solution(s) Run Code

Solution 1 Solution 2

```go
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package main

// Upper Bound: O(n^2*n!) time | O(n*n!) space
// Roughly: O(n*n!) time | O(n*n!) space
func GetPermutations(array []int) [][]int {
  permutations := [][]int{}
  permutationsHelper(array, []int{}, &permutations)
  return permutations
}

func permutationsHelper(array []int, currentPermutation []int,
  if len(array) == 0 && len(currentPermutation) != 0 {
    *permutations = append(*permutations, currentPermutation)
    return
  }
  for i := range array {
    newArray := make([]int, i)
    copy(newArray, array[:i])
    newArray = append(newArray, array[i+1:]...)
    newPermutation := make([]int, len(currentPermutation))
    copy(newPermutation, currentPermutation)
    newPermutation = append(newPermutation, array[i])
    permutationsHelper(newArray, newPermutation, permutations)
  }
}

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```go
package main

func GetPermutations(array []int) [][]int {
  // Write your code here.
  return nil
}

```

Our Tests

Custom Output Submit Code

```
import (
    "testing"

)

func (s *TestSuite) TestExample(t *testing.T) {
    output := GetPermutations()[100]
    if len(output) != 0 {
        t.Fail()
    }
}

func (s *TestSuite) TestExample2(t *testing.T) {
    output := GetPermutations()[100:0]
    if len(output) != 1 {
        t.Fail()
    }
    assertEqual(output, output, [100:0])
}
```

Run or submit code when you're ready.