All Subsets I

```python
class Solution(object):
  def subSets(self, set):
    """
    input: String set
    return: String[]
    """
    # write your solution here
    answers, subset = [], []
    self.bt(answers, subset, 0, len(set), set)
    return answers

  def bt(self, answers, subset, current_position, N, nums):
    if current_position == N:
      answers.append(".join(subset[:])
      return
    # For subsets to leak one components
    self.bt(answers, subset, current_position + 1, N, nums)
    subset.append(nums[current_position])
    # Ordinary one
    self.bt(answers, subset, current_position + 1, N, nums)
    subset.pop()
    return
```