

Combinations Of Coins

```
1 class Solution(object):
2     def combinations(self, target, coins):
3         """
4         input: int target, int[] coins
5         return: int[][]
6         """
7         # write your solution here
8         cur = []
9         res = []
10        self.comHelper(0, target, coins, cur, res)
11        return res
12
13    def comHelper(self, index, target, coins, cur, res):
14        if index == len(coins) - 1:
15            if target % coins[index] == 0:
16                cur.append(target // coins[index])
17                res.append(cur[:])
18                cur.pop()
19            return
20        else:
21            for num in range(0, target // coins[index] + 1):
22                cur.append(num)
23                self.comHelper(index + 1, target - num*coins[index], cur, res)
24                cur.pop()
```