

$abcde$
 $ab | bc | cd | de$
 $ac | bd | ce | de$
 $ad | bc | ce | de$
 $ae | bc | ce | de$

$22222 \rightarrow 5!/5! = 1$
 $2223 \rightarrow 4!/2!2! = 6$
 $225 \rightarrow 3! = 6$
 $37 \rightarrow 2! = 2$
 $55 \rightarrow 2!/2! = 1$
combinations (8)
permutation (16)

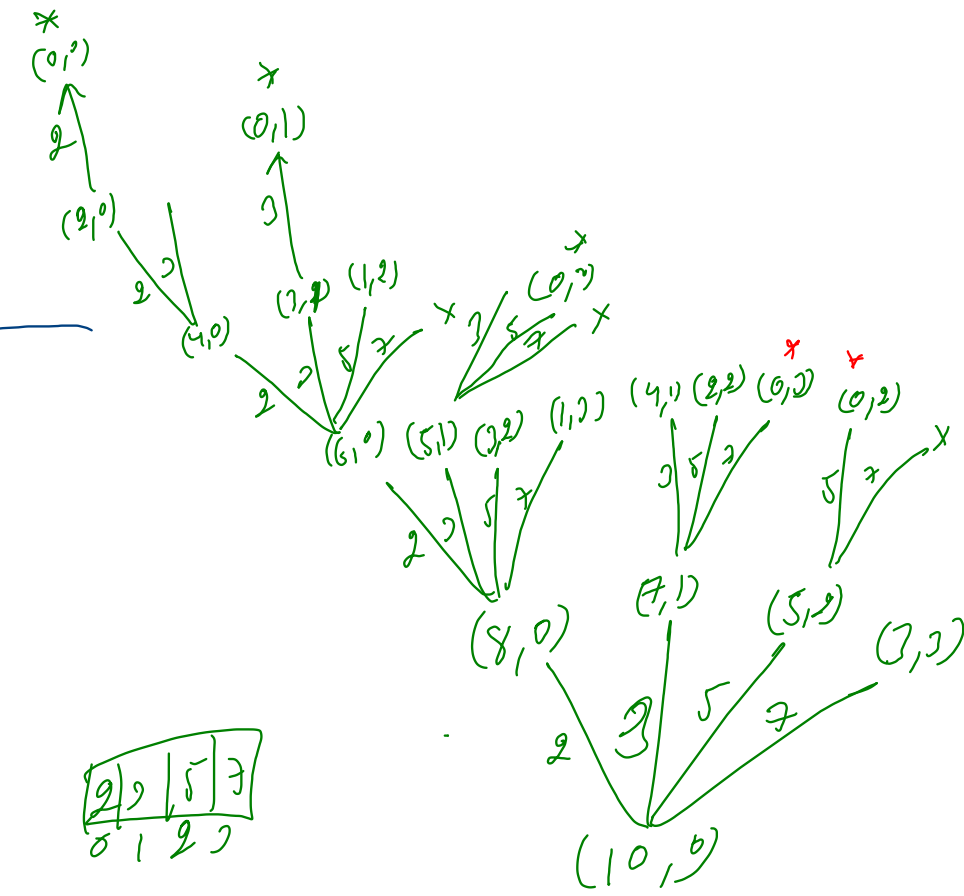
$2, 2, 5, 7, 10$

0	1	2	3	4	5	6	7	8	9	10
		2	3	22	32	222	222	2222		
					23	22	222	222		
					5		52	222		
							223	222		
							25	53		
							7	35		

```

public static int coinChangePermutation(int[] coins, int tar) {
    int[] dp = new int[tar + 1];
    dp[0] = 1;
    for (int t = 1; t <= tar; t++) {
        for (int coin : coins) {
            if (t - coin >= 0) {
                dp[t] += dp[t - coin];
            }
        }
    }
    return dp[tar];
}

```



$2, 3, 5, 7 \rightarrow 10$

22222
 2223
 225
 37
 55
combinations

0	1	2	3	4	5	6	7	8	9	10
		2	1	1	2	2	3	2	2	5
			2	22		222		2222		22222
			3		23	23	223	233	2223	22233
					5		25	35	225	235
										55
							7		27	37

(2)
 7
 (10)