

10	10	10
10, 50	60	60
10, 50+50	110	110
10, 100	110	160
10, 50, 100	160	210
10, 50+50, 100	210	

50	50	50
50+50	100	100
50, 100	150	150
50+50, 100	200	200

100	100
-----	-----

10000

$x \times k$

$x, 2x, 3x \dots kx$

$y \times m$

$y, 2y, 3y \dots my$

3 6 9 12 15 18 21

5 10 15 20 25 30

output Set

for ( $i=0; i < \text{coins.length}; i++$ ) {

    comboSetIn of  $i$ th coin

    copy comboSetIn to outputSet

    for ( $j=i+1; j < \text{coins.length}; j++$ ) {

        jSet of  $j$ th coin

$\text{comboSetIn} \times \text{jSet} \rightarrow \text{comboSetOut}$

$\text{comboSetIn} = \text{comboSetOut}$

}