Solución 2

Ejemplo: Caso monedas de 1,2 y 3 para obtener cantidad de 5

posicionActual	moneda	nuevaCombinacion	soluciones
			[[], None, None, None, None, None]
0	1	1	[[], [1], None, None, None, None]
0	2	2	[[], [1], [2], None, None, None]
0	3	3	[[], [1], [2], [3], None, None]
1	1	2	[[], [1], [2], [3], None, None]
1	2	3	[[], [1], [2], [3], None, None]
1	3	4	[[], [1], [2], [3], [4], None]
2	1	3	[[], [1], [2], [3], [4], None]
2	2	4	[[], [1], [2], [3], [4], None]
2	3	5	[[],[1],[2],[3],[4],[2,3]]
3	1	4	[[],[1],[2],[3],[4],[2,3]]
3	2	5	[[],[1],[2],[3],[4],[2,3]]
3	3	6	[[],[1],[2],[3],[4],[2,3]]
4	1	5	[[],[1],[2],[3],[4],[2,3]]
4	2	6	[[],[1],[2],[3],[4],[2,3]]
4	3	7	[[],[1],[2],[3],[4],[2,3]]

Ejemplo: Caso monedas de 1,2 y 5 para obtener cantidad de 7

posicionActual	moneda	nuevaCombinacion	soluciones
			[[], None, None, None, None, None, None]
0	1	1	[[], [1], None, None, None, None, None, None]
0	2	2	[[], [1], [2], None, None, None, None, None]
0	5	5	[[], [1], [2], None, None, [5], None, None]
1	1	2	[[], [1], [2], None, None, [5], None, None]
1	2	3	[[], [1], [2], [1,2], None, [5], [1,5], None]
1	5	6	[[], [1], [2], [1,2], None, [5], [1,5], None]
2	1	3	[[], [1], [2], [1,2], None, [5], [1,5], None]
2	2	4	[[], [1], [2], [1,2], [2,2], [5], [1,5], None]
2	5	7	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
3	1	4	[[],[1],[2],[1,2],[2,2],[5],[1,5],[2,5]]
3	2	5	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
3	5	8	[[],[1],[2],[1,2],[2,2],[5],[1,5],[2,5]]
4	1	5	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
4	2	6	[[],[1],[2],[1,2],[2,2],[5],[1,5],[2,5]]
4	5	9	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
5	1	6	[[],[1],[2],[1,2],[2,2],[5],[1,5],[2,5]]
5	2	7	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
5	5	10	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
6	1	7	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
6	2	8	[[], [1], [2], [1,2], [2,2], [5], [1,5],[2,5]]
6	5	11	[[],[1],[2],[1,2],[2,2],[5],[1,5],[2,5]]