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, 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]] |