

백준 1904, 01타일

$$a_1 = 1 \quad \boxed{1}$$

$$a_2 = 2 \quad \boxed{1} \boxed{1} \quad \boxed{0} \boxed{0}$$

$$a_3 = 3 \quad \boxed{} \boxed{1} + \boxed{} \boxed{0} \boxed{0}$$

\downarrow \downarrow
 a_1 a_2

$$a_4 = 5 \quad \boxed{} \boxed{1} + \boxed{} \boxed{0} \boxed{0}$$

\downarrow \downarrow
 a_3 a_2

점화식: $a_n = a_{n-1} + a_{n-2}$

백준 16395, 파스칼의 삼각형

조합식: $nCr = n-1Cr + n-1Cr-1$

pseudo code

`arr[0][0] = 1;`

`arr[i][0] = 1;`

`arr[i][i] = 1;`

`for (int i = 2; i ≤ N; ++i)`

`{`

`for (int j = 0; j ≤ N; ++j)`

`{`

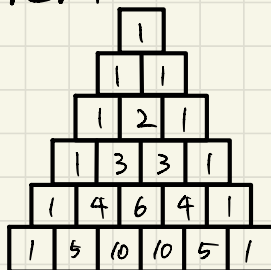
`if (j = 0 || j = N)`

`arr[i][j] = 1;`

`arr[i][j] = arr[i-1][j] + arr[i-1][j-1];`

`}`

`}`



⋮

백준 11053, 가장 긴 증가하는 수열

