```
Max = 3
V = 2
V[V] = \{ 1, 2 \}
Memo
dp[ Max + 1 ]
dp[max + 1] =
                   4
dp [ 0 ] = 0
 0
             4
       4
1, 3, 4
i = 1 <= 3
j = 1 <= 4
j; ( dp [ 1 - 1 ] != 4)
       0 != 4
       dp[1] = min(4, 1 + 1) = 2
 0
             2
       1
i = 1 j = 2
j, dp [ 2 -1 ] = 1 + 4
       dp [ 2 ] = min ( 4, 2) = 2
 0
       1
             2
i = 1 <= 2
```

j = 3 <= 3

0

1

dp[3-1] = 2!=4

2

dp[3] = min(4, 3 - 1 + 1) = 3

3

0	1	2	3

$$i = 1$$

 $j = 3$

|--|

0	1	0	2
---	---	---	---