|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 4 | 3 | 4 | 2 |

dp[0] = **1** [1]

dp[1] = **2** [1,4]

dp[2] = **2** [1,3]

dp[3] = **3** [1,3,4]

dp[4] = **2** [1,2]