01背包問題

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F | G | H | I | J |
| 重量 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 價格 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

每樣物品有10個

背包容量 275

請在不超過背包容量的情況下，想辦法放進總價格最高的組合

列出總價格超過或等於620的組合

A:

* A~F全拿+7G+2H = 620
* A~F全拿+8G+1I =620
* A~E全拿+9F+9G+1H =620