

Numero de elementos

3

Peso maximo de mochila

4

Beneficios

1

2

3

Pesos

4

5

1

| | | | |
|--|------------------|--|---|
| | Beneficio optimo | | 3 |
|--|------------------|--|---|

| | | |
|--|-----------------|--|
| | Matriz generada | |
|--|-----------------|--|

| | | | | |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 1 |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 1 |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 0 | 3 | 3 | 3 | 3 |
|---|---|---|---|---|

Numero de elementos

4

Peso maximo de mochila

15

Beneficios

10

10

12

18

Pesos

2

4

6

9

| Beneficio optimo | 38

| Matriz generada |

| | | | | | | | | | | | | | | | |
|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 0 | 0 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 0 | 0 | 10 | 10 | 10 | 10 | 20 | 20 | 22 | 22 | 22 | 22 | 32 | 32 | 32 | 32 |
| 0 | 0 | 10 | 10 | 10 | 10 | 20 | 20 | 22 | 22 | 22 | 28 | 32 | 32 | 32 | 38 |

```
Numero de elementos
10
Peso maximo de mochila
165
Beneficios
92
57
49
68
60
43
67
84
87
72
Pesos
23
31
29
44
53
38
63
85
89
82
-----
| Beneficio optimo | 309
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| Matriz generada |
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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

```
Guty@MacBook-Pro-de-Guty A33_Knapsack_Equipo_02 % ./test <TestCases/test04.txt > Solutions/mySolution4.txt
```

```
4 Pesos
5 -----
6 | Beneficio optimo | 1458
7 -----
8
9 -----
10 | Matriz generada |
11 -----
12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
28
```

| | |
|------------------|------|
| Beneficio optimo | 1458 |
| Matriz generada | |