

knapsack01.java starts

-----knapsack2(k2)-----

----- V matrix -----

0	0	0	0	0	0
0	0	0	5	5	5
0	0	3	5	5	8
0	4	4	7	9	9

----- K matrix -----

0	0	0	0	0	0
0	0	0	1	1	1
0	0	1	0	0	1
0	1	1	1	1	1

i = 1 3

w = 3 1

v = 5 4

-----knapsack1(animal)-----

----- V matrix -----

0	0	0	0	0	0
0	0	12	12	12	12
0	10	12	22	22	22
0	10	12	22	30	32
0	10	15	25	30	37

----- K matrix -----

0	0	0	0	0	0
0	0	1	1	1	1
0	1	0	1	1	1
0	0	0	0	1	1
0	0	1	1	0	1

i = 1 2 4

w = 2 1 2

v = 12 10 15

-----knapsack3-----

----- V matrix -----

0	0	0	0	0	0
0	0	3	3	3	3
0	0	3	4	4	7
0	0	3	4	5	7

```

0  0  3  4  5  7
----- K matrix -----
0  0  0  0  0  0
0  0  1  1  1  1
0  0  0  1  1  1
0  0  0  0  1  0
0  0  0  0  0  0
i = 1  2
w = 2  3
v = 3  4
-----knapsack4(k1)-----
----- V matrix -----
0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  10 10 10 10 10 10
0  0  0  0  40 40 40 40 40 50 50
0  0  0  0  40 40 40 40 40 50 70
0  0  0  50 50 50 50 90 90 90 90
----- K matrix -----
0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  1  1  1  1  1  1
0  0  0  0  1  1  1  1  1  1  1
0  0  0  0  0  0  0  0  0  0  1
0  0  0  1  1  1  1  1  1  1  1
i = 2  4
w = 4  3
v = 40 50
-----END-----

```

You are amazing. Bring me a bar of Chocolate
knapsack01.java ends