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