Friday, May 31, 2024 6:13 AM

Solve the following instance of the 0/1 knapsack problem using dynamic programming:

Weight	1	2	3	2
Profit	10	15	25	12

The capacity of the knapsack $m = 5$.

4 barang

y	0	1	2	3	4	5
k=0	0	0	0	0	0	0
k=1	0	10	10	10	10	10
k=2	0	10	15	25	25	25
k=3	0	10	15	25	35	40
k=4	0	10	15	25	35	40

Max(profit+f(y-wk),fk-1)

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