KNAPSACK PROBLEM USING DYNAMIC PROGRAMMING

ITEM	WT	PT
I1	1	1
I2	2	6
I3	5	18
I4	6	22
I5	7	28

0	1	2	3	4	5	6	7	8	9	10	11					
0	1	1	1	1	1	1	1	1	1	1	1					
0	1	6	7	7	7	7	7	7	7	7	7					
0	1	6	7	7	18	19	24	25	25	25	25					
0	1	6	7	7	18	22	24*	28	29	29	40					
0	1	6	7	7	18	22	28	29	34	35	40*					

CAPACITY	11
WEIGHT	WT
PROFIT	PT

I4	I3				
6	5				11
22	18				40