KNAPSACK PROBLEM USING DYNAMIC PROGRAMMING

ITEM	WT	PT
A	2	1
B	3	2
C	3	5
D	4	9
E	6	4

0	1	2	3	4	5	6	7	8	9	10						
0	0	1	1	1	1	1	1	1	1	1						
0	0	1	2	2	3	3	3	3	3	3						
0	0	1	5	5	6	7	7	8	8	8						
0	0	1	5	9	9	10	14	14	15	16						
0	0	1	5	9	9	10	14	14	15	16						

CAPACITY	10
WEIGHT	WT
PROFIT	PT

D	C	B			
4	3	3			10
9	5	2			16