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Solve the following knapsack problem using branch and bound technique.

n=4, $(p_1,p_2,p_3,p_4)=(10,10,12,18)$, $(w_1,w_2,w_3,w_4)=(2,4,6,9)$ and capacity m=15.

OR

W = (7,11,13,24) and m=31.

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