HW 3

A manager wants to expand the convention center at his hotel in Istanbul. The types of conference rooms being considered are:

	Size (sq meter)	Unit Cost
Small	500	$18,000
Medium	750	$33,000
Large	1000	$45,000

Manager would like to add 5 small, 10 medium and 15 large conference rooms. He also wants the total expansion to be 25,000 square meter and to limit the cost to $1,000,000.
Formulate the problem as a goal programming promlem and give the solution. (use Python or Excel Solver)