HOMEWORK #2 SOLUTION

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1. EXERCISE 2.1 DUAL IN AMPL

2. EXERCISE 2.2 SPARSE SOLUTION FOR EQUATIONS WITH AMPL

3. BLOODY AMPL

4. EXERCISE 2.4 TASK SCHEDULING

The objective of the problem is to minimize the start time of task $n + 1$, t_{n+1}. For the constraints on start time of each task, $t_1 = 0$ and $t_i \geq 0, i \in \mathbb{N}, 2 \leq i \leq n + 1$. For the precedences between tasks, if task j must be completed before task i, namely $j \in \Psi_i$,

5. EXERCISE 2.5 INVESTING WISELY