CACHING CHALLENGE

GOAL

Create an in-memory data cache for the SimulatedPersonListLookup method so that after the first time you ask for data, you get data from your cache instead of the simulated database.

BONUS

Cache the results of calls to the SimulatedPersonById and SimulatedPersonListByLastName calls. Do not do the queries yourself on the full list. Cache each call so that the first time, it hits the database and then after that it hits the cache.