MP1: Task 7

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Our group thinks is useful to define an interface *LinearSystemSolver* and have multiple implementations of it because it makes solving different types of linear systems easy. We can solve the different types of systems by interacting with only the interface LinearSystemSolver, creating an abstraction that benefits logical program flow. The programmer doesn't even need to think about what type of linear system that they need to solve. The library will know which type of linear system it is, and hence all the programmer does is interact with the simple interface.