The Apple Coding Assessment Exercise is attached.  Please return as a single GitHub Link with the Code, ReadMe file, and Unit Tests in it.

Please remember – it’s not just whether or not the code works that they will be focused on seeing – it’s all the rest of what goes into good Senior Software Engineering daily practices for Enterprise Production Level Code – such as specifically:

* Unit Tests (#1 on the list of things people forget to include – so please remember, treat this as if it were true production level code, do not treat it just as an exercise),
* Detailed Comments/Documentation within the code, also have a README file
* Include \*Decomposition\* of the Objects in the Documentation
* Design Patterns (if/where applicable)
* Scalability Considerations (if applicable)
* Naming Conventions (name things as you would name them in enterprise-scale production code environments)
* Encapsulation, (don’t have 1 Method doing 55 things)
* Code Re-Use, (don’t over-engineer the solution, but don’t under-engineer it either)
* and any other industry Best Practices.