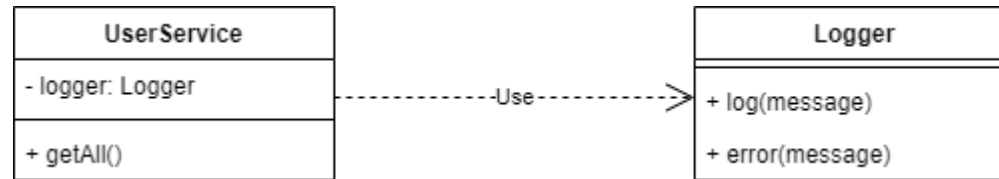


A typical Class Dependency

- UserService depends on Logger because it imports it. This can also be reflected in UserService creating an instance of Logger.



- Creating an Interface for Logger (*ILogger*) and using this interface in `UserService` removes the dependency of `UserServices` directly on `Logger`.

Using Dependency Inversion

- Both UserService and Logger now depend on *ILogger*.
- Inversion doesn't mean that the lower-level layer depends directly on the higher-level level, it means that both layers should depend on abstractions — and these abstractions expose the behavior needed by the higher-level layers.

