**Qualifier 4-3-2020**

* *Qualifier annotation is used to resolve auto wiring conflict, when there are multiple beans of same type, it can be used with any class annotated with @component*

**Logger**

* *Using a logger allows you to abstract out a lot of details and do a lot more than you could write to std out. You can specify different destinations to write to, different appenders write to a file, roll the file for given time periods, write to a queue or database etc. You can specify a consistent format for log messages instead of having to add it to every line you write to std out*
* *You can do a lot with filtering by category (typically package name and class name and log level (trace, debug, info, error, fatal) to make it easier to configure what log messages you want to see and which you want to ignore. with logging you can change the configuration in the logger properties*
* *You can mix and match this stuff for instance, setting up a specific smtp appender to email log messages for logging level of error or higher, in addition to writing the messages to a rolling file or whatever.*

*(Linting is something that makes your code ugly or non standard, it can cause bug/ but it might not also*

*Scenario.. Someone wearing a good dress if his/her dress is full of his pet dog hair, then a lint, it will make his clothes look ugly*

*Solution will be correcting linting errors - sonar lint)*

**@enable scheduling**

* *Add @EnableScheduling annotation to your spring boot application class. @EnableScheduling is a Spring Context module annotation. It internally imports the SchedulingConfiguration via the @Import(SchedulingConfiguration.class) instruction*

**Functional interface**

* *A functional interface is an interface that contains only one abstract method. They can have only one functionality to exhibit. From Java 8 onwards, lambda expressions can be used to represent the instance of a functional interface. Runnable, ActionListener, Comparable are some of the examples of functional interfaces.*