1. Difference between interface and abstract class?

\*Technical:\*

- interface and abstract class has abstract method but whereas abstract class can have implementation as well.

- both cannot be instantiated, but abstract class can have sub class and that can be instantiated.

- when you like just to have a design, build interface whereas you want to share code among several closely related classes then build abstract class

\*Selenium:\*

Some examples here:

- WebDriver, WebElement, Alert, TargetLocator (Interface)

- By, AbstractWebDriverEventListener, AbstractCapabilities (Abstract class)

\*Project:\*

In our customized selenium automation framework, we implemented abstract class with:

- Reporter (abstract methods for Selenium implementation)

- WdMethods (abstract class that has ExtentReports)