

Technologies:

- Selenium

- Open a browser to go to the calculator website
- Automate actions on the website

- Cucumber

- Behavior Driven Development framework used to structure features in the form of implementable test steps, which can be combined with TDD to facilitate the actual development of an application's behavior
- Structure our automation tasks in the form of small “steps”
- We have multiple scenarios each containing multiple **steps**
- **Scenarios:** acceptance criteria (from user stories)

- Feature (made up of many scenarios) => User story

●JUnit 5

- Allows us to write Assertions
- TestRunner capability (to treat each cucumber SCENARIO as a test)

What files do we utilize with Cucumber?

1. feature files
 - a. Gherkin language
 - i. English-like syntax
 - ii. Define scenarios and steps for the scenarios
2. TestRunner class
 - a. Used to treat each scenario and execute them as tests
 - b. Couples our feature files + gluecode and treats them as JUnit tests

- i. Normally JUnit tests are single methods annotated with `@Test`, but not in this case
- 3. Glue code file (gluecode class)
 - a. “Glues” our “steps” in the feature files with actual “step definitions” (methods annotated with `@Given`, `@When`, `@Then`, `@And`, `@But`)