Handson 9: Arrange-Act-Assert (AAA) Pattern, Test Fixtures, Setup and Teardown Methods in Junit

1.This exercise is all about organizing your unit tests properly using the AAA pattern (Arrange-Act-Assert), and learning how to write setup and teardown methods with JUnit annotations like @Before and @After.
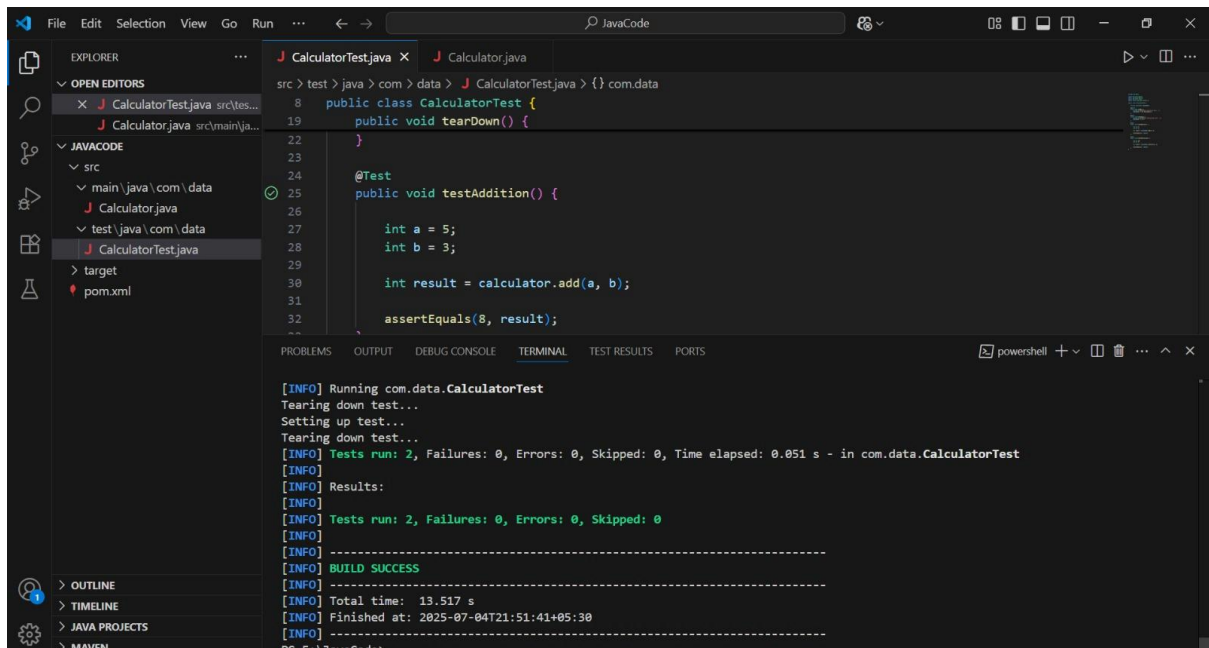
Understanding from this :

• Structure your test cases cleanly (so they're readable & maintainable)

• Avoid code repetition using setup (`@Before`) and cleanup (`@After`) methods

• Understand what happens *before* and *after* each test method runs

The AAA Pattern: Arrange-Act-Assert

This is a coding/testing style to write tests that are easy to read and understand. Here's what it means:

- Arrange: Set up the objects and values you need (e.g., create an object, set initial data)
- Act: Call the method you want to test (do the action)
- Assert: Check the result (was it what you expected?)
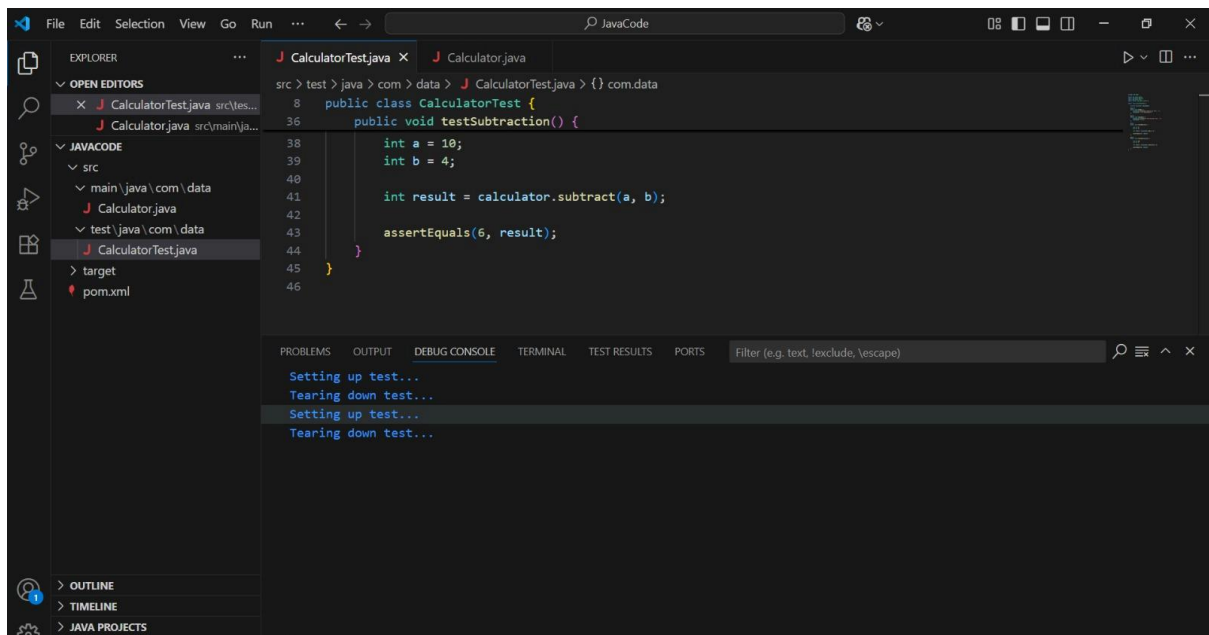
OUTPUT SNAPSHOTS: