TidBIT

Why do you need JUnit testing? It not only finds bugs early in the code but also forces a developer to read code. In addition, you develop more readable, reliable, and bug-free code. According to Boris Beizer, "You must be a constructive schizophrenic. Be clear about the difference between your role as a programmer and as a tester. The tester in you must be suspicious, uncompromising, hostile, and compulsively obsessed with destroying, utterly destroying, the programmer's software. The tester in you is your Mr. Hyde—your Incredible Hulk. He must exercise what Gruenberger calls 'low cunning'" (https://abstracta.us/blog/tools/ultimate-list-100-software-testing-quotes/).

Required Resources

Reading: JUnit Tutorial: Setting Up, Writing, and Running Java Unit Tests ⎘ (https://www.parasoft.com/junit-tutorial-setting-up-writing-and-running-java-unit-tests/)
This tutorial covers some of the basics of JUnit. In addition, it provides examples of basic assertions that can be used to test software. Consider the following questions as you read:

- How does JUnit 5 differ from JUnit 4?
- What are the various ways you can run a JUnit?
- What are the benefits of unit testing?