Listen

TIDBit

You have learned to write JUnit test cases, which is an important practice that will help you to grow as a developer. While you are developing software, you should be asking yourself, How do I test this? According to James Sivak, “Testing has to be an integral part of developing software and not a separate phase. When this approach is taken, product quality is owned by everyone on the team. It is easy to state, but hard to put into practice because of long-standing preconceived notions that developers and testers are better kept apart” (https://abstracta.us/blog/tools/ultimate-list-100-software-testing-quotes/). As you learn more about testing approaches and strategies, consider how to be both a developer and a tester at the same time. This will help you better understand how software quality is implemented in industry.

Required Resources

Textbook: *Software Testing: An ISTQB-BCS Certified Tester Foundation Guide (https://go.openathens.net/redirector/snhu.edu?url=https%3A%2F%2Febookcentral.proquest.com%2Flib%2Fsnhu-ebooks%2Fdetail.action%3FdocID%3D5837074),* Chapter 5, "Test Strategy and Test Approaches" and "Test Monitoring and Control" sections

These sections cover common testing strategies and approaches used in software development to ensure quality. Consider the following questions as you read:

- What are the considerations in the development of the test approach or test strategy?
- What are the standards that dictate the test approach?
- Can discretion be used when defining a testing approach, and, if so, what can influence the decision on which way to approach testing?