

# Pre-Class Reading

## Basic Testing Concepts

Here is a list of materials you will need to read in preparation for the next lab period. Read everything carefully to make sure you understand the concepts presented here. There will be a quiz on this material at the beginning of class.

## Readings

### The Different Types of Software Testing

An overview of different testing types. (There is one small typo—"It's much more robust and reliable than automated tests" should read "It's much more robust and reliable than manual tests".)

<https://www.atlassian.com/continuous-delivery/software-testing/types-of-software-testing>

### The Testing Pyramid

A useful guideline for writing different kinds of tests, including Black Box and White Box Testing

<https://automationpanda.com/2018/08/01/the-testing-pyramid/>

### What is Boundary Value Analysis and Equivalence Partitioning?

A useful guide to boundary value analysis and equivalence partitioning, two related concepts that are useful in coming up with good tests.

<https://www.softwaretestinghelp.com/what-is-boundary-value-analysis-and-equivalence-partitioning/>