

AP[®] Computer Science: Module 7 Checklist

07.00 Getting Started with Methods

- ☐ I created the three module 7 subfolders: Documents, Lessons, and Assignments.
- ☐ I printed the Module 7 Checklist.
- ☐ I have made a list of five examples of modular organization.

07.01 Java's Math Class

- ☐ I understand how to use the Java Math Class API.
- ☐ I can use the `abs()`, `pow()`, and `sqrt()` methods.

07.02 Defining New Static Methods: Part 1

- ☐ I understand the concept of top-down design.
- ☐ I understand the concept of procedural abstraction.
- ☐ I can write method declarations.

07.03 Defining New Static Methods: Part 2

- ☐ I can apply top-down program design.
- ☐ I can apply procedural abstraction.
- ☐ I can identify the individual components of a method header.

07.04 Defining New Static Methods: Part 3

- ☐ I now regularly use comments to document parts of my programs.
- ☐ I can explain the basic purpose of the `main()` method.
- ☐ I know the shortcut for declaring multiple variables.
- ☐ I can distinguish between a method header and a method signature.

07.05 Discussion-Based Assessment

- ☐ I am prepared to talk to my instructor about modules 4 through 7.
- ☐ I have completed the Discussion-Based Assessment.
- ☐ I shared my examples of modular organization with my instructor.

07.06 Challenge Program

- ☐ I can write programs in top-down design format.
- ☐ I can apply procedural abstraction to create methods.
- ☐ I can explain what pi represents.

07.07 Checkpoint

- ☐ I have amazed myself with how much I know about programming so far!
- ☐ I am on pace.
- ☐ I am ready to move on to module 8.