

Books

For those of you who either need to learn Java or Python or come up to speed quickly, the following books provide everything you need to know to get started.

Java:

1. [Introduction to Programming Using Java](https://runestone.academy/ns/books/published/csjava/index.html?mode=browsing)
(<https://runestone.academy/ns/books/published/csjava/index.html?mode=browsing>), the 9th edition with JavaFX by David J. Eck. This is a free and open resource.
2. [Java, Java, Java: Object-Oriented Problem Solving](https://runestone.academy/ns/books/published/javajavajava/root-1-2-3.html?mode=browsing)
(<https://runestone.academy/ns/books/published/javajavajava/root-1-2-3.html?mode=browsing>), the 2022E edition by Morelli, Walde, and Hoffman. This open resource has had a long life, and this version is updated for an online and interactive experience. This is the book that we will be using in this class for most of our Java-related textbook materials.

Python:

1. *Python For Everybody* is an open educational resource and is intended to be used in conjunction with a first-semester course in Python. The Python for Everybody website contains videos and PowerPoint decks that are used in conjunction with the textbook. You can access the website at this link (<https://www.py4e.com/lessons>).
2. *Python Succinctly*, as its name implies, is intended to be a short guide to getting started with Python quickly.
3. *A Byte of Python* (<https://python.swaroopch.com/>) provides a free online tutorial on programming using the Python language.
4. [Introduction to Python Programming](https://openstax.org/details/books/introduction-python-programming) (<https://openstax.org/details/books/introduction-python-programming>) is a comprehensive text aligned with most first-year programming courses.
5. [Think Python](https://allendowney.github.io/ThinkPython) (<https://allendowney.github.io/ThinkPython>) is designed as an introduction to Python for people who have never programmed before. It is an excellent introduction to the language and is the book we will be using in this class for most of our Python-related textbook materials.



Python For Everybody.pdf



Python Succinctly.pdf