

- Python 3:
 - Interactive Python 3 basics tutorials: <https://www.learnpython.org>
 - Unlike the previous site this resource is not interactive but it is much more extensive: <https://pythonbasics.org/class/> Most of the advanced topics in this link will not be covered at ACSL, but I'm including it in case anyone is interested.
 - [Code execution visualizer: http://pythontutor.com](http://pythontutor.com)
 - HackerRank: <https://www.hackerrank.com/domains/python>
- Java
 - Interactive Java basics tutorials: <https://www.learnjavaonline.org>
 - Non-interactive but extensive Java resource: <https://www.tutorialspoint.com/java/>
 - [Code execution visualizer: http://pythontutor.com/java.html#mode=edit](http://pythontutor.com/java.html#mode=edit)
 - HackerRank: <https://www.hackerrank.com/domains/java>
- C++
 - This basics tutorial is for C, not C++, but C++ is the Object Oriented version of C so the languages are interconnected: <https://www.learn-c.org>
 - Non-interactive but C++ centric resource: <https://www.learncpp.com>
 - [Code execution visualizer: http://pythontutor.com/cpp.html#mode=edit](http://pythontutor.com/cpp.html#mode=edit)
 - HackerRank: <https://www.hackerrank.com/domains/cpp>