

In this lab, we will learn to use the following:

1. Download and install Visual Studio Code
2. Run a debugger
3. Set break points
4. Step through code

To start this lab, download Visual Studio Code, linked [here](#). If you are having trouble, ask your TA for help!

Next, download the .py files from D2L and open them with Visual Studio Code. This file has 6 functions that have errors in them. Your goal is to use the debugger to find and fix all the errors.

This lab has nothing to submit. Once you have found all the errors, demonstrate to a TA how you stepped through the functions to find the errors. They will ask how questions, such as “how did you determine the value of this variable?” Once you have convinced the TA you know how to use the debugger, you will get full points for the lab.

Note: This is a valuable skill that will help when we build more advanced projects. Make sure you understand this lab.