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Assignment: CSD 325 Module (12.2 Redo Assignment): Module 2.2 that I missed

* **Module 2.2 Assignment: Documented Debugging + Flowchart(s)**For this assignment, you have three tasks. The first is find a program that you've written, or find an example online that contains at least one function, you'll then need to create a flowchart (or flowcharts) for the program, then capture debugging activity on the program.
  1. Create (if you haven't already) a directory in CSD-325 named module-2.
  2. Look through programs you've created from previous classes, (or do a little research and find an example of a program) that contains a least one function.
  3. Open up a drawing application. Use a text element to include your name and assignment number at the top of the drawing. Create a flowchart that models the program you selected.  Copy/paste the diagram into a Word document and save to your module-2 directory.
  4. Open the Debugging Guide from the reading material for this module and follow through the steps. You might want to practice them first..
  5. Open your program in an IDE and use the debugging tools, **OR** read through the tutorial at [Debugging in Python](https://www.codementor.io/@gbozee/debugging-in-python-9ia7lof32) (Abiola, codementor.io, 2017) and use the Python module for debugging.
  6. Create a Word document and put your name and assignment number on the first page.
  7. Back in the IDE, create a break point, and start the debugging process, take a screenshot of your progress and paste into the Word document.
  8. Step into the function, and take a screenshot of the current location and paste it into the Word document.
  9. Use at least one more action in the code, either adding errors, or moving through the program and take a screenshot of the progress and paste into the Word document.
  10. Save the Word document, with at least three screenshots, into the CSD/CSD-325/module-2 directory.

**Flow chart of the program**

A screenshot of a computer screen

AI-generated content may be incorrect.

**Running PyCharm Debug mode with the Red Dot on line 9**

A screenshot of a computer program

AI-generated content may be incorrect.

**Running PyCharm Debug mode and entering my name at the prompt**

A screenshot of a computer

AI-generated content may be incorrect.

**Running PyCharm Debug and choosing to Step in (F7)**

A screenshot of a computer

AI-generated content may be incorrect.

**Running PyCharm Debug and choosing to Step in (F7) again to finalize the program**

A screen shot of a computer

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