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CSD-325

Assignment 2.2

**Flowchart for Assignment 10-2.py:**

A black grid with white text

Description automatically generated

**Debugging Assignment 10-2.py**

The following screenshot shows the debugger paused at the breakpoint on line 64, just before the setName method is executed. The employee1 object is visible in the Variables section, but its name attribute is still empty.

**Screenshot Before Breakpoint:**

A screenshot of a computer screen

Description automatically generated

This next screen shot shows the state of employee1 after executing the setName method. The “name” attribute has been updated to ‘Harry Potter’. This can be seen in the “Watch” section of the “Variables” section on the left.

**Screenshot After Step Over:**

**A screenshot of a computer screen

Description automatically generated**

I made changes to the code to create a “Department” attribute. I then created a deliberate typo in “setDepartment” to “setDepatment”, which caused the debugger to highlight the error.

**Screenshot of Error in Code:**

**A screenshot of a computer screen

Description automatically generated**

I fixed the typo and reran the debugger, and the attribute is filled successfully.

**Screenshot of Successful Execution:**

**A screenshot of a computer screen

Description automatically generated**