Student Debugging Checklist

*A **bug** is an error in your code that stops the program from working or makes the program work incorrectly. **Debugging** is the process of finding and fixing the bug!*

If there is an error message:

- ❏ Read the message:
    - ❏ What is the line number? _____
    - ❏ What does the message say is wrong?

    _____

- ❏ Find the line number and use clues from the message to fix it.
- ❏ Hit the run button to see if you fixed it.
- ❏ If you get an error message, try again.

If the program isn't working correctly:

- ❏ What is not working?

    _____

- ❏ Find the code related to the part that is not working
- ❏ Check:
    - ❏ Is everything spelled correctly?

    - ❏ Is the capitalization correct? (Most words in python are lower-case.)

    - ❏ Is a quote or parenthesis missing? (They always come in pairs.)

    - ❏ Are the colors of your words, numbers, and variables correct?

    - ❏ Are all your commands in the right order?

    - ❏ Did you name your object (sprites and shapes)?

    - ❏ Did you use the correct sprite's name in your commands?

    - ❏ Is it indented correctly?

    - ❏ If you still can't find the bug, click the reset button ↺.
      Note: This will reset the default code so you can start fresh. You will still have all your work from past activities, but you will lose the code from this page.