Code Structure Checklist

Does your code follow a narrative flow?

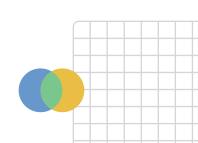Let's pretend you wrote a program to make tea.

No narrative flow

| Steep tea | Fill kettle | Drink tea | Heat kettle | Pour water |

Narrative flow

| Fill kettle | Heat kettle | Pour water | Steep tea | Drink tea |

Code Structure Checklist

Did you code and test iteratively?

Code a small piece, test the small piece, code another small piece, test the new small piece, code another small piece, test the new small piece, code another small piece, test the new small piece...

Did you check your code for KISS violations?

☐ Are there too many unnecessary comments?

☐ Any functions that complete too many tasks that could be broken up into their own separate functions?

☐ Are you returning true or false when you can return the comparison instead?

☐ Do you have any nested for loops that can be optimized so you only loop once instead?

☐ Do you have any large blocks of code that should be broken up?

Is your code DRY?

☐ Do you have any repeats?

☐ Is there a variable you declared more than once?

☐ Should a section of code be turned into a function instead?