Specification

✨ Welcome to your first Creative Project! ✨

Learning Objectives

Throughout this assignment, you will demonstrate your ability to:

Your first Java program

- Write your first Java program
- Execute a Java program using Ed
- Identify the `main` method of a program

Your first Java-Turtle program

- Write your first Java-Turtle program
- Execute a Java program using Ed
- Use methods to perform actions with the turtle

Syntax

- Gain familiarity with the uses of parentheses `()`, curly braces `{}`, quotation marks `""` and semicolons `;` in a Java program.
- Gain familiarity with the uses of turtle graphics methods and the way they interact with the canvas

Debugging

- Gain familiarity with compiler messages caused by common syntax errors.

Style

- Gain familiarity with whitespace conventions, including indentation and line break.

Creative Exploration

- Creatively explore different avenues for visual drawing using turtles

Structure

This assignment will give you your first experience writing your own programs. The assignment consists of a series of slides, each of which includes a short exercise or activity. This approach will allow us to help guide you through the experience of writing and debugging programs. Work through the activities in order-- you will see a green checkmark appear next to each slide as you complete it. **You will need to complete all slides and activities in this assignment.** (Future assignments will have fewer, larger pieces.)

Getting Support

If you're feeling stuck or have questions while you're working, there are ways you can reach out for support:

- *Post on the course message board here in Ed!* We recommend you post a public question so that your classmates can both help you find the answer and learn from your questions. You also might want to read others' questions-- sometimes you'll see a question that you didn't even realize you wanted to ask!
- *Visit the Introductory Programming Lab (IPL)* in Mary Gates Hall 334. The IPL will open on Monday at 12:30pm.

Remember that CSE 121 is designed for students with *no previous experience*, so it's totally OK and normal to feel a little lost or confused by parts of the assignment. Review materials from class and the other resources referenced in the assignment, and don't be afraid to ask for help when you need it!

Submission

Submit your work by clicking "Submit" or "Mark" on each slide that asks you to complete a task or answer questions. (Don't forget the Reflection at the end.) You can submit as often as you like until the initial deadline (January 12 at 11:59pm). Once you have completed the

assignment, you should have green checkmarks on every slide! This indicates your completion and submission of the assignment.