

# CSE 1300 - Assignment 4 Summer 2024

## Description:

For this assignment you will be writing a Python program to draw some shapes.

There are three ways to get started with this assignment (only need to use one of these):

- 1) Create a new Replit using the Python (with Turtle) template option
- 2) Fork the Assignment 4 Template I created as a Replit  
<https://replit.com/@dmalcol1/Assignment4Template>
- 3) Create a new Python file and include these two lines at the top of the file:

```
import turtle  
t = turtle.Turtle()
```

You should check out the Turtle documentation for all the functions and options:

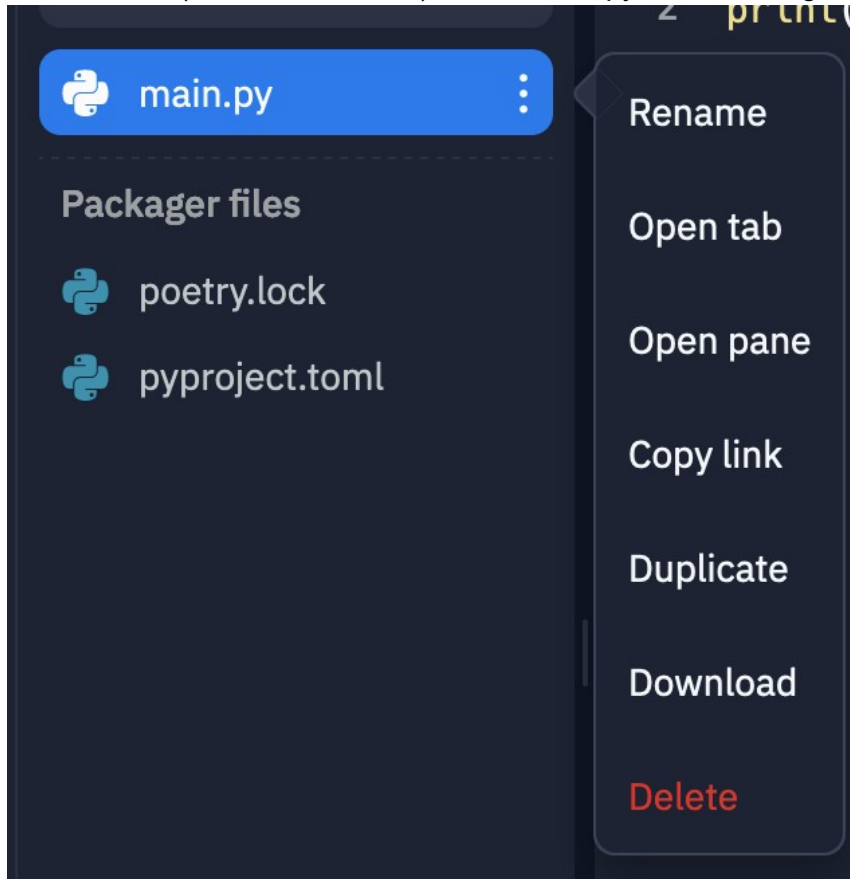
<https://docs.python.org/3/library/turtle.html>


Your program should:

- 1) Draw an AND gate
- 2) Draw an OR gate
- 3) Draw an XOR gate
- 4) Draw a NOT gate – optional Bonus Points

## Submission Instructions:

1. All your code should be in a single Python (.py) file. The file name does not matter, the examples below assume you used Replit to create your program.
2. Once you are happy with your program, download your main.py by clicking the Menu button (three vertical dots) next to main.py and selecting Download:



3. Go to [Gradescope](#), find Assignment 4 under “Assignments”, and submit the main.py file.
  4. After submitting, click Code in the upper right to verify that your file was uploaded correctly and that it is the correct program file and file type (.py).
- Two buttons are shown: 'Results' in a light grey box and 'Code' in a dark green box.
5. Be sure to submit it before the deadline.
  6. Do not submit any extra or zipped files, just submit the single Python (.py) file.