What I wanted my code to look like for my final summative:

Zion

What my final project is in a nutshell

A 1v1 co-op game.

Tetris (arrow pad and space bar) vs 2048 (TAB is up CAPS is down 3 is Left 4 is Right…. This is because WSAD keys are not in the keyboard dictionary for tkinter or at least that’s what I found out online)

A timed game with customisable input, which will shut down the game and post results on discord via a discord bot.

Unique music and a fun Score system that is competitive and a unique multiplier to help those who stack up for Tetris

What I’ve made and what works

Tetris

2048

Timer

Active Score Counters

Custom Music

Discord Bot

Multiple interactive pages that run off each other

What types of coding I’ve used

Classes - \_\_init\_\_() and self.

Functions - def

APIs

If, for, when, while, try, except, lists, import, from, \*, in, range, True-False, self., variables, colours, displays, time, randoms, gamepanels, grids [compressed merged moved painted and reversed] (really hard) , windows, keys, tkinter, pygame, messageboxes, breaks, exits, nots, or, and, math, music files, events, clients, commands, tokens.

As you may have seen my final summative project has a few wrinkles.

The main two are that the co-op game won’t run on the same screen and the score system keeps breaking my code

“ File "C:\Users\Zion.Koudijs\PycharmProjects\Final Project\tetris.py", line 119, in break\_lines

if game.score > TwoGame:

NameError: name 'TwoGame' is not defined”

Basically TwoGame is the 2048 score and OneGame is the Tetris score

Each score is set as their classes (game.score and gamepannel.score), but when the game isn’t running at the same time the scores are considered unknowns. This is because my final project plays the games individually 1 after the other. This really messes up the flow of my game and I’m not sure how to fix it. I know that if I was able to have both games run at the same time my code would work or at least there would only be a few bugs that I could definitly fix. I believe it’s a Runtime and a Name Error.

Additional info

You should be able to remove my score system and play each game individually to see just how it works.

Discord bot , basically it does work but only in my own server. Which is only online when I turn it on and run it. I also took my token off.