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Final Project (Updated Write-Up for the Beta Version):

Tetris:

* For our final project Abi and I would like to create the game Tetris. We would like to perform this by using python, a raspberry pi sense hat, and a speaker.
* Our display will show up on the sense hat and or Tetris audio will come from the speaker that was provided in our kits.
* Allow the user to aim for a high score; be able to store it in a list, where at the end of three game each score will show up.
* Create a change in speed for each level when the user gets a Tetris.
* Consider using a bigger display to appease the user.
* Fix the restart function in program
* Create a way where the user has 3 attempts and at the end the users best score will display on the screen and will be stored in a list.
* New Feedback from peers:
  + Try to add in audio when user gets a Tetris

The GPIO:

* The GPIO will be implemented by using sound, LED lights (i.e., rainbow color when you get a Tetris/ red when you lose), and a joystick that could be used to play the game.
* We would also like to incorporate audio by using the GPIO pins while the player is playing.
* Use the LED lights for determining what level you’re on.
* Incorporate a joystick or bigger buttons to make controlling the game easier for the user.
* Create audio for losing and when the user gets a Tetris.
* Create the GPIO as a different file from the main program
* New Feedback from peers:
  + Finish the GPIO pins
    - Lights up when the user gets a Tetris

Goals:

* To learn more about using python towards creative projects.
* To display a visual for the Tetris game using a sense hat.
* To add in audio while the user is playing the game.
* Make the game display appealing to the user
* Create the functionality of the game simpler by adding recognizable features (i.e., joystick)
* Add a competitive aspect to the game
* New goals that are now added:
  + Add in the last final parts of the project
  + Create a GUI scoreboard

The URL for GitHub:

* <https://github.com/cmc1963/Final_Project-CSC102->
* This repository is public