

## Development Environment

1. [Microsoft Visual Studio Code](#)
2. [Python 32bit](#)
3. [Python extension for Visual Studio Code](#)
4. [pygame](#) Install with command `python -m pip install pygame --user`
5. [pgzero](#) Install with command `python -m pip install pgzero --user`

## How to Run the Application

1. Install all the items listed in Development Environment section.
2. Download or clone the repository.
3. Open the project in Visual Studio Code.
4. Hit F5 and run.

Description: This game is called, “Connect the Dots,” and it is where you must connect the dots in the right order based on the numbers assigned to them, and answer all questions correctly in order to reach the end and receive the “You Win” message on the window screen. All questions are about financial literacy.

Time Duration: 10-15 minutes

Amount of Players: One

How to Play: To play the game, you must open up the Visual Studio code app, which will be included in this document. Once in, you should be able to see a file called *numbers.py*. This is where all the code is in order to run the game. Once in the Visual Studio code app, press *F5*, which is the function to run the game. Once pressed, it will execute the program and the game will show up shortly after on a small black screen. Once the game has shown up, dots will appear all around the screen.

An example of what it should look like:



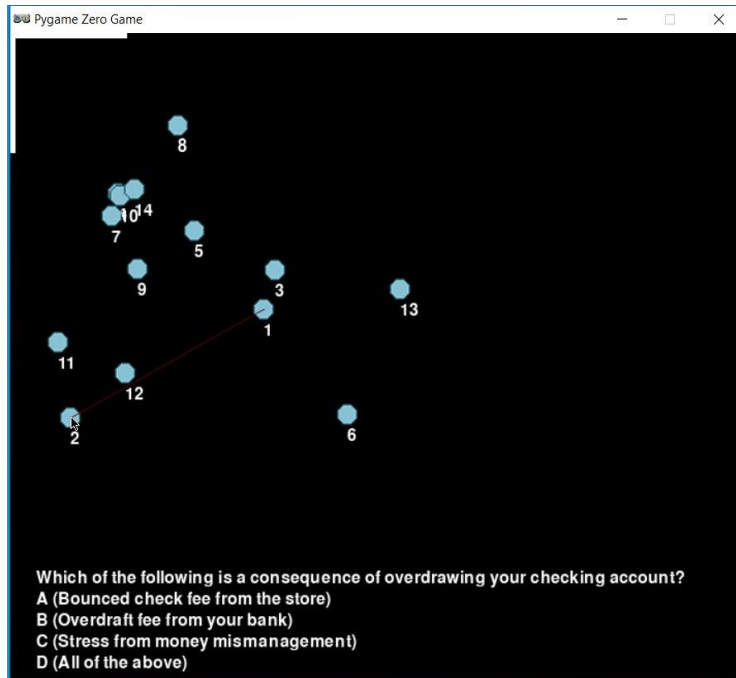
To connect a line with a dot, press the dot with the number 1 assigned to it. After that, click on the dot with the number 2 assigned to it. Once that is done, a red line should appear between those two dots that were just clicked by the player.

Here is an image of what it should look like:

1. First, you must click on the dot with 1 on it.



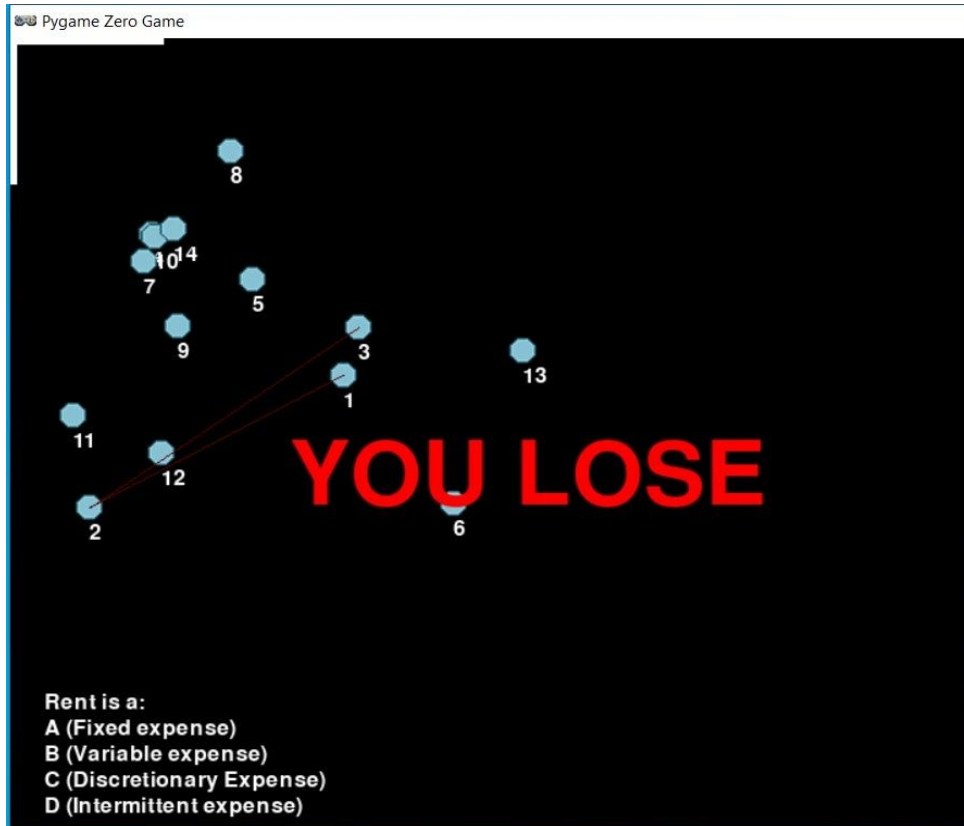
2. Then, you must click on the dot with 2 on it, and once that is done, a red line will show along with a question that you must answer. *The red line is small and hard to see in this image, but it is between the dots 1 and 2.*



3. Now that your question has appeared, look carefully at your given choices for the question, and once your decision for what the right answer should be, type the letter of your selected choice, and you will see if you got it right, or wrong. If it is right, a green-colored word, **Correct** should appear on the left-hand side of the screen above the question.



4. If your selected answer is wrong, then the word **You Lose** will show up in the middle of the screen.



5. If you get to the end of the game, with no more questions left, and all have been answered correctly, then the word “**You Win**” will show up in the middle of the screen.



6. Once you have completed the game, you may exit the program.