

# Coding2 Labwork Readme

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GitHub Link: [https://github.com/yrrrng/Coding-two\\_weekly\\_Shaohua-Yang.git](https://github.com/yrrrng/Coding-two_weekly_Shaohua-Yang.git)

In this Lab work submission, I have project written by openframework and 2 project using Python.

## Labwork1 Openframework - JavaScript project to OF

I have made two open source projects one on sound conversion and the other on mouse control of video screen colours and visual changes.

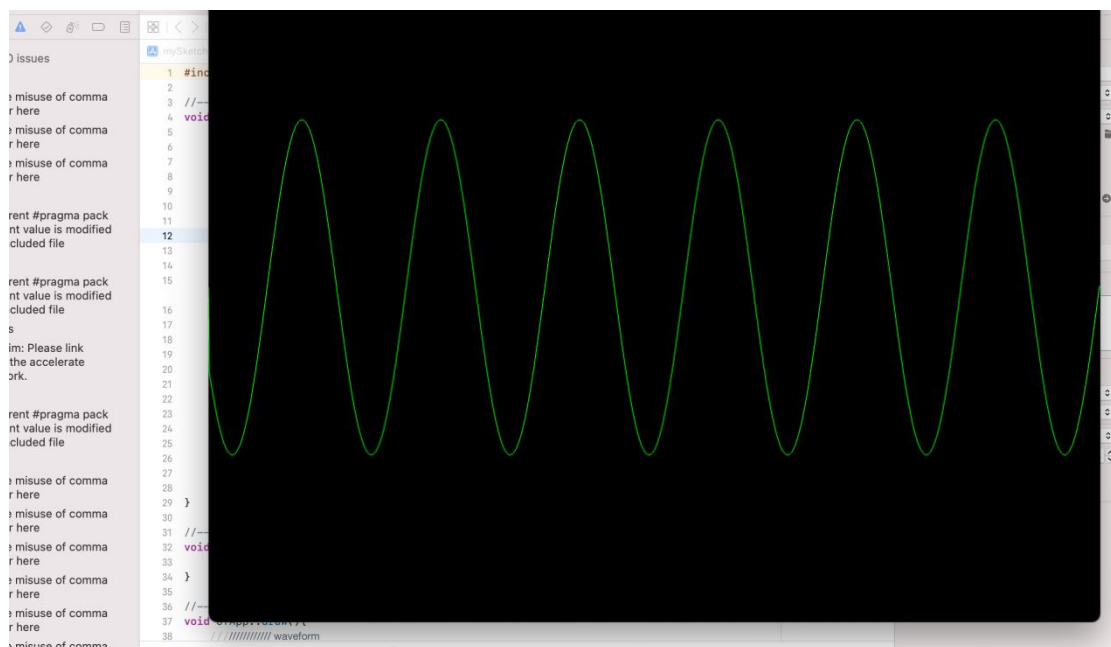
### The voice example

Youtube video Link:

<https://youtu.be/Zp02R2Ypg8A>

Panopto Video Link:

<https://ual.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=7f6ad133-fc5b-477f-9cbb-afc60008e0f0>



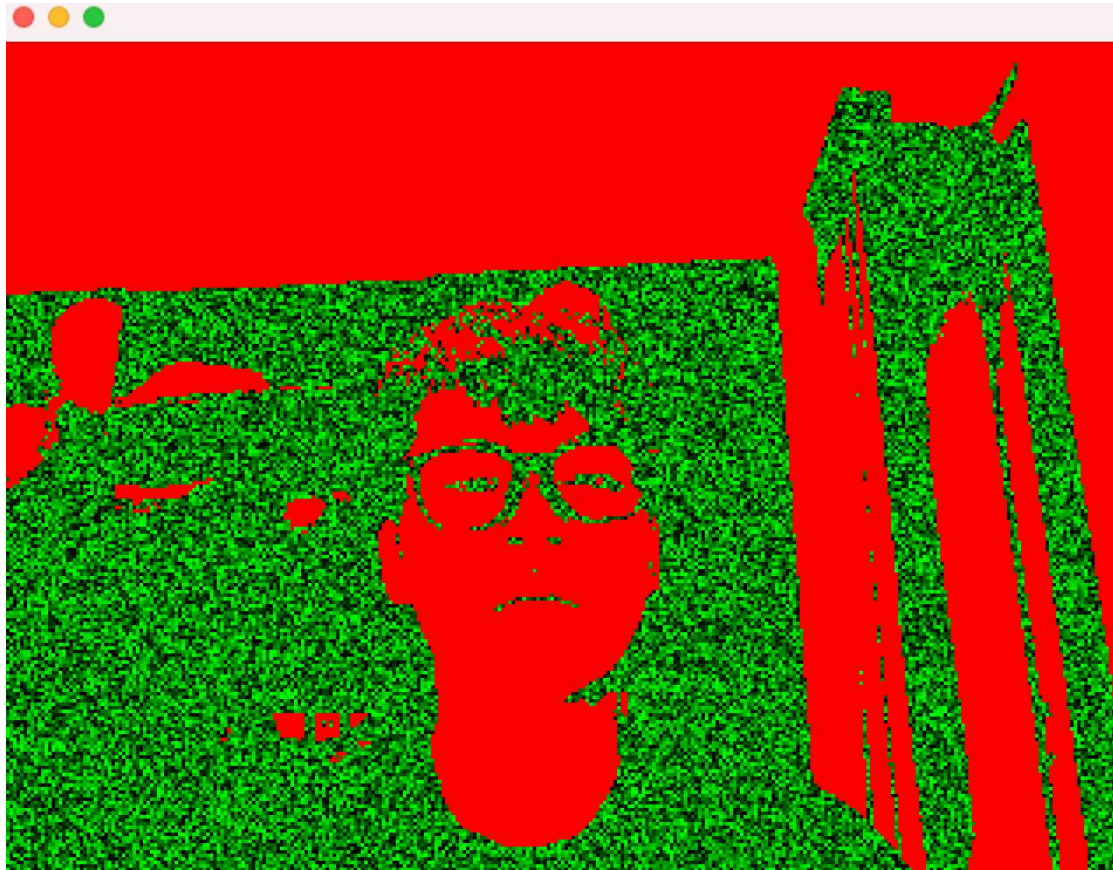
### The video example

Youtube video Link:

<https://youtu.be/sAH-LS2OglY>

**Panopto Video Link:**

<https://ual.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=6f3d5d43-f16c-4731-986c-afc6000935cc>



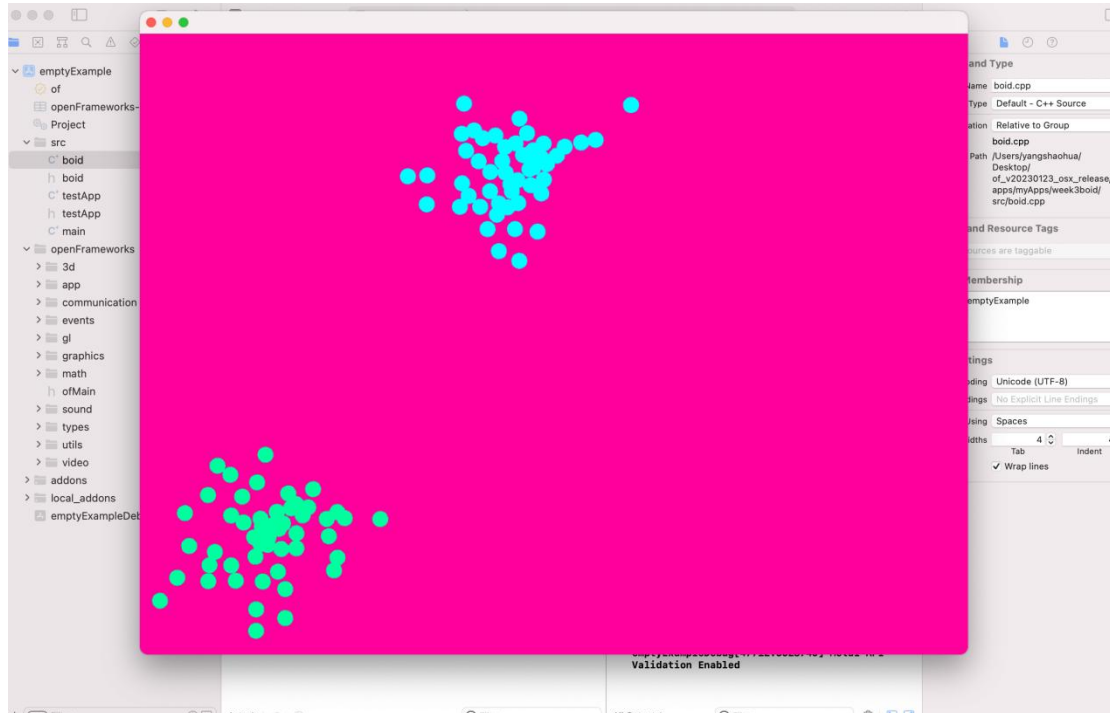
**Labwork2 Openframework - boid**

**Youtube video Link:**

<https://www.youtube.com/watch?v=YcPuYfsLIKY>

**Panopto Video Link:**

<https://ual.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=9213436c-e642-4687-b616-afc5017aaf2d>



## Labwork3 Python challenge (python puzzles)

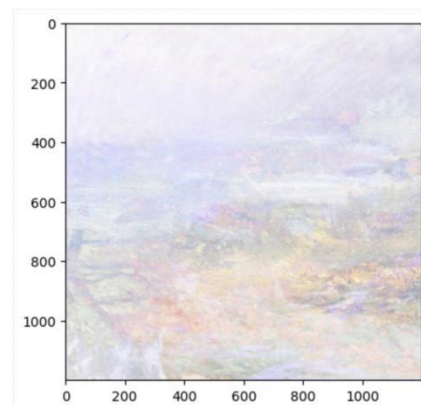
This week I made a quiz game about maths where I called python's random module to generate simple arithmetic questions and asked the user to answer the questions in a set amount of time. If the answer is correct, the user is awarded a point, otherwise a hint is given. During the game, the difficulty level increases over time and the player can choose the difficulty level (easy, medium or hard). At the end of the game, the score will be displayed.

### Youtube video link:

<https://youtu.be/wopmLD5jTPM>

### Panopto video link:

<https://ual.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=17c49dfb-f571-403a-b9a9-afc600163354>



Works by Chinese painter Wu Guanzhong

