

# Week 31

Sunday, May 2, 2021

8:27 PM

## Trinity Intro to Computer programming With Game Development 05/03/2021

Note: these are the MAC commands  
To launch a web server:

(1) use terminal and use the ls command and cd command  
To locate the specific (dir) with the index.html

### Command Line Usage

The simplest way to start up a web server that serves the directory in which the command is ran is to simply navigate to your project's directory using the terminal and run:

Python 2

```
$ python -m SimpleHTTPServer 8000
```

---

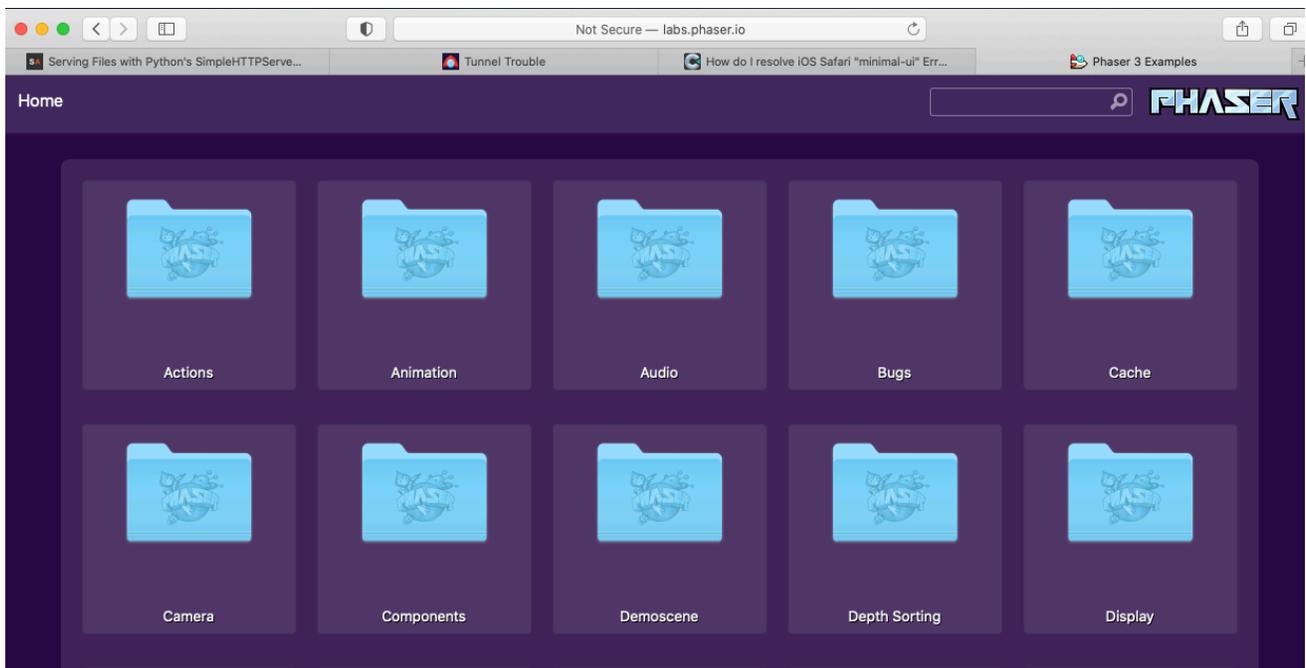
## Python 3

```
$ python3 -m http.server 8000
```

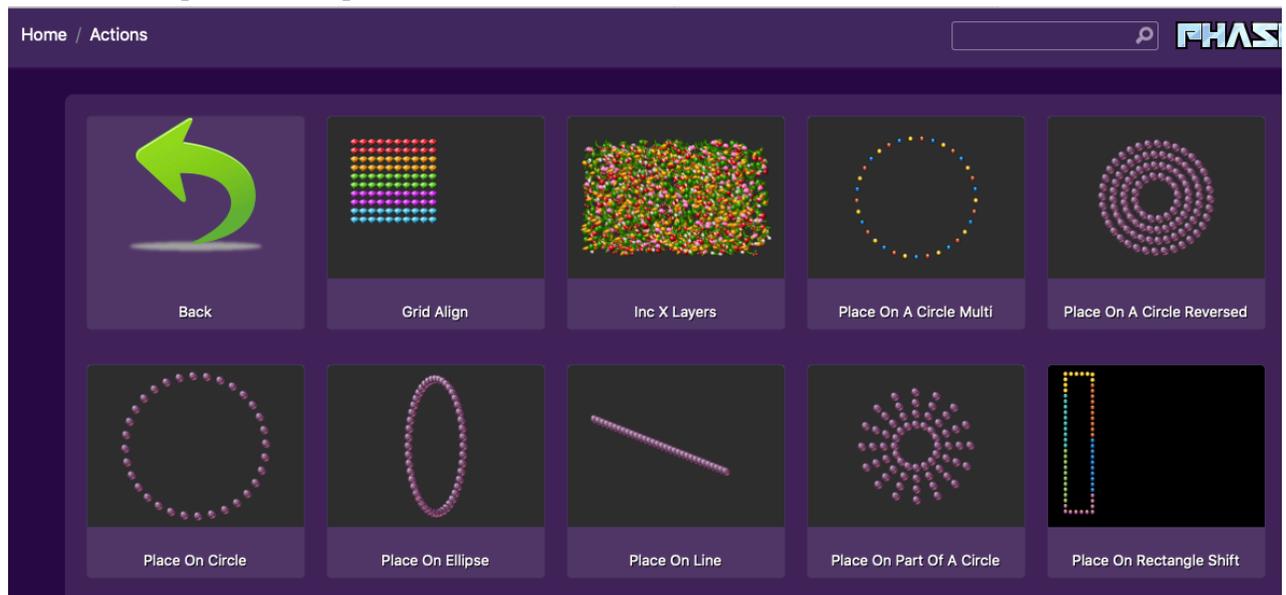
By running this command, you'll be able to access the files in your directory through your browser at **localhost:8000**:

Today's class we are going to investigate some on\_line resources  
To learn more...

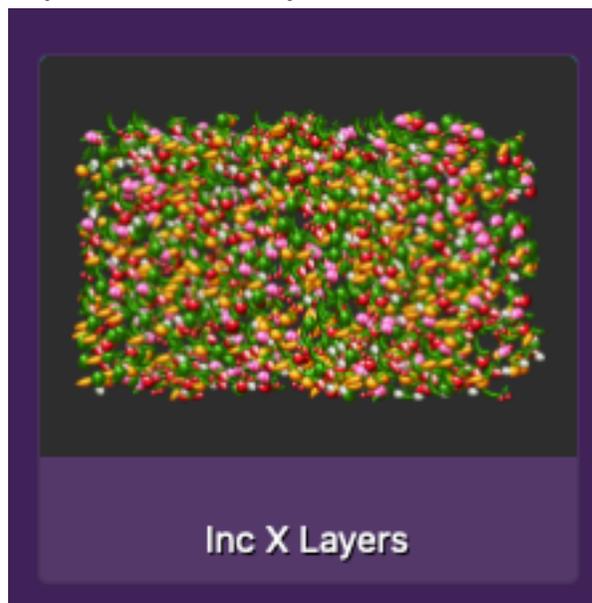
Open your browser to:  
[www.labs.phaser.io](http://www.labs.phaser.io)



Click on [Actions]



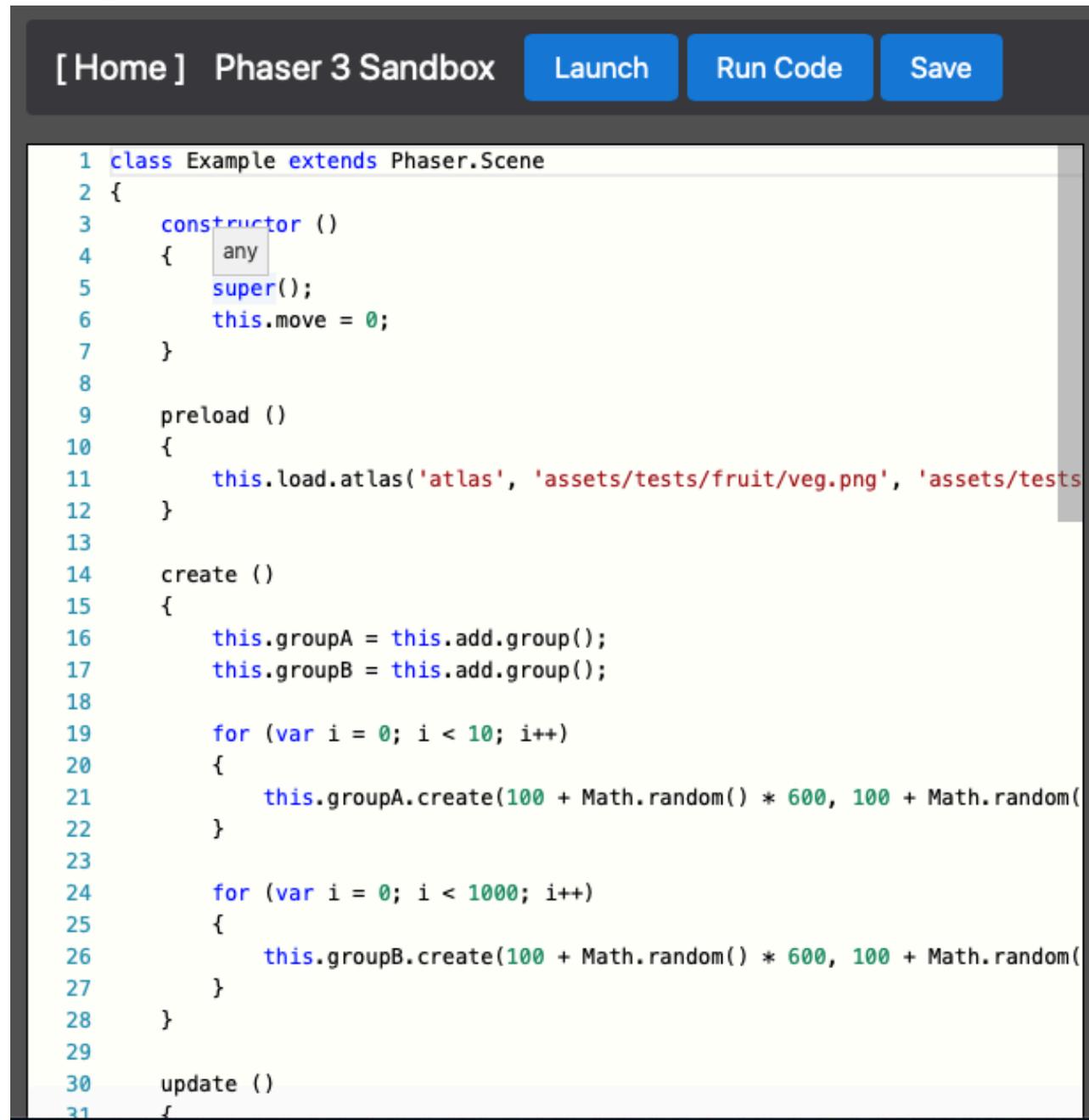
Open Inc X Layers



[Edit]

On line 19

Change 1000 to 10



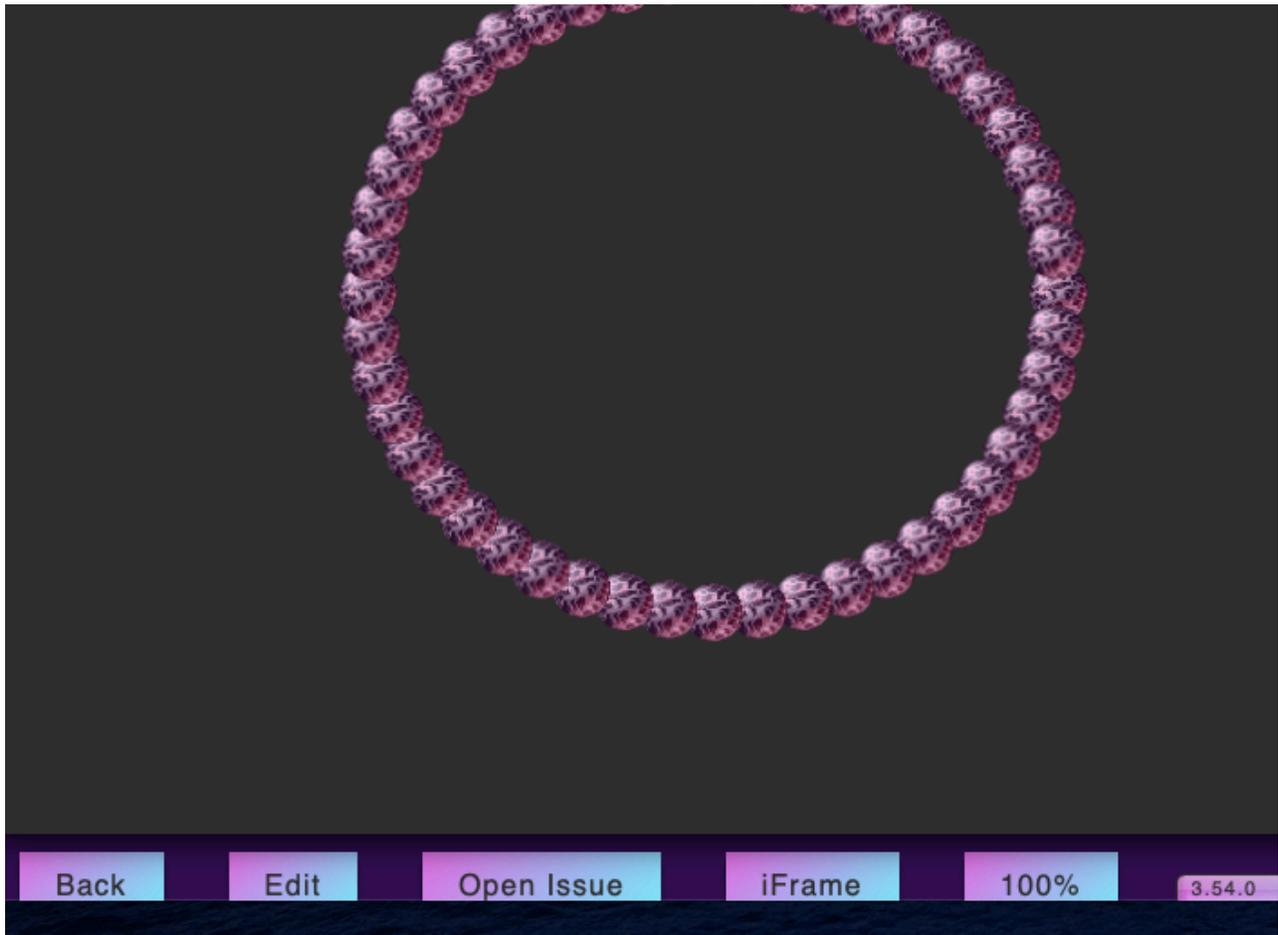
```
1 class Example extends Phaser.Scene
2 {
3     constructor ()
4     {
5         super();
6         this.move = 0;
7     }
8
9     preload ()
10    {
11        this.load.atlas('atlas', 'assets/tests/fruit/veg.png', 'assets/tests
12    }
13
14    create ()
15    {
16        this.groupA = this.add.group();
17        this.groupB = this.add.group();
18
19        for (var i = 0; i < 10; i++)
20        {
21            this.groupA.create(100 + Math.random() * 600, 100 + Math.random(
22        }
23
24        for (var i = 0; i < 1000; i++)
25        {
26            this.groupB.create(100 + Math.random() * 600, 100 + Math.random(
27        }
28    }
29
30    update ()
31    {
```

[Save] [Run Code]

Now change line 24 from 1000 to 10....

Notice how there are much less random fruit,  
Why??





Click on [Edit]

Next in the Create() //function  
Change the yoyo: from True to false

[Save]  
[Run Code]

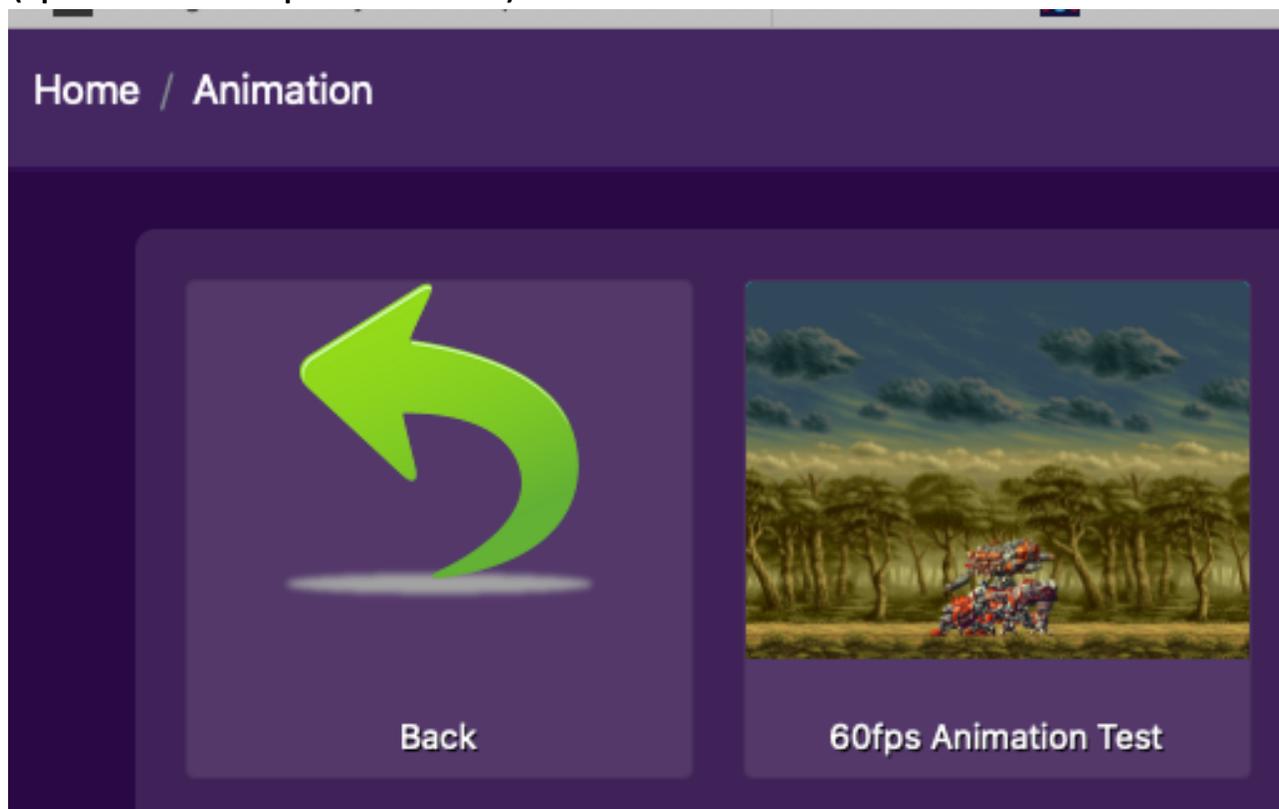
Next set yoyo: true  
Change the duration to  
Duration: 500 .

(What Changed???)

[Save] [Run Code]

Go to home, and click on Animation

Then select 60fps Animation Test  
(fps = frames per second)



Next,  
[Edit]

Scroll down to line 37 and change the speed of the trees  
From 6 to 1

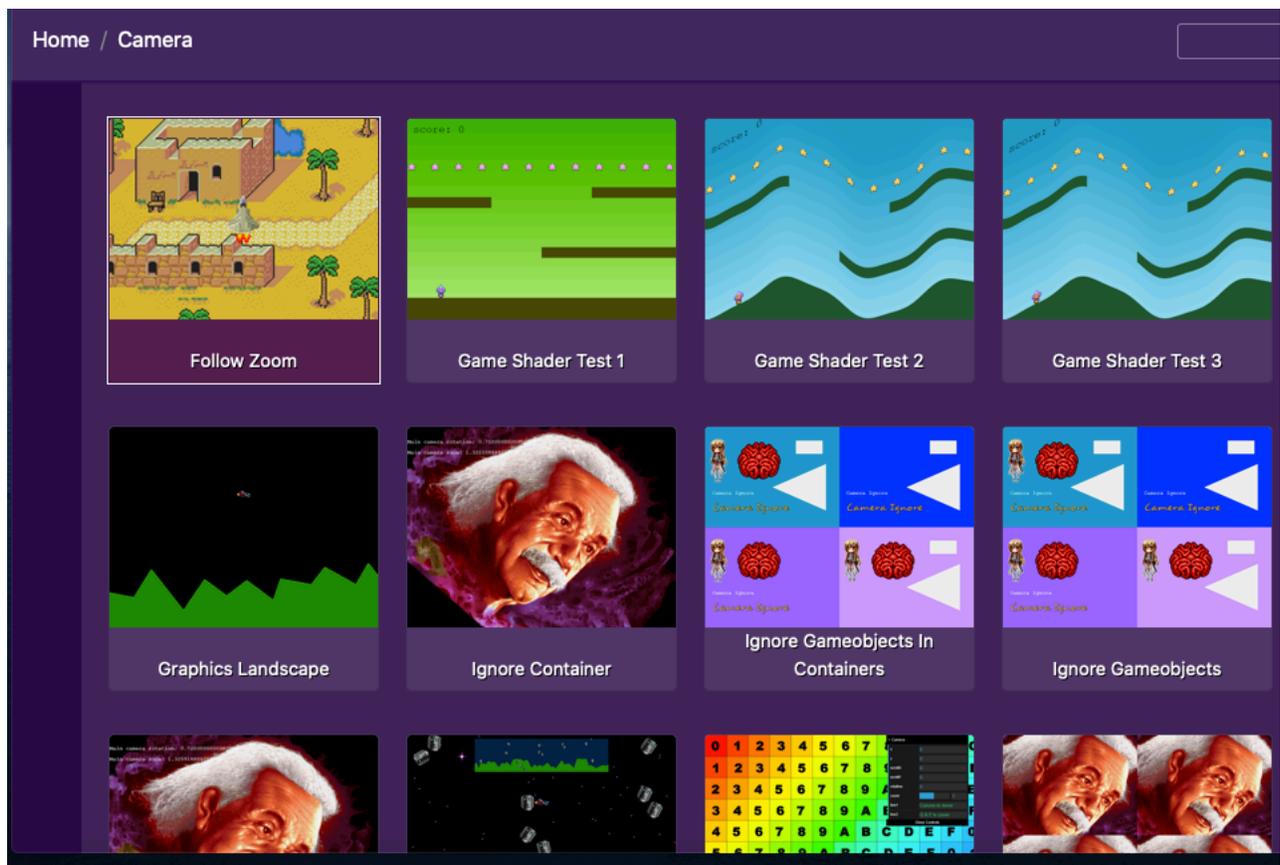
What changes??

what changes: :

Try setting this to -2, see what changes...

Try this last one before you try on your own...

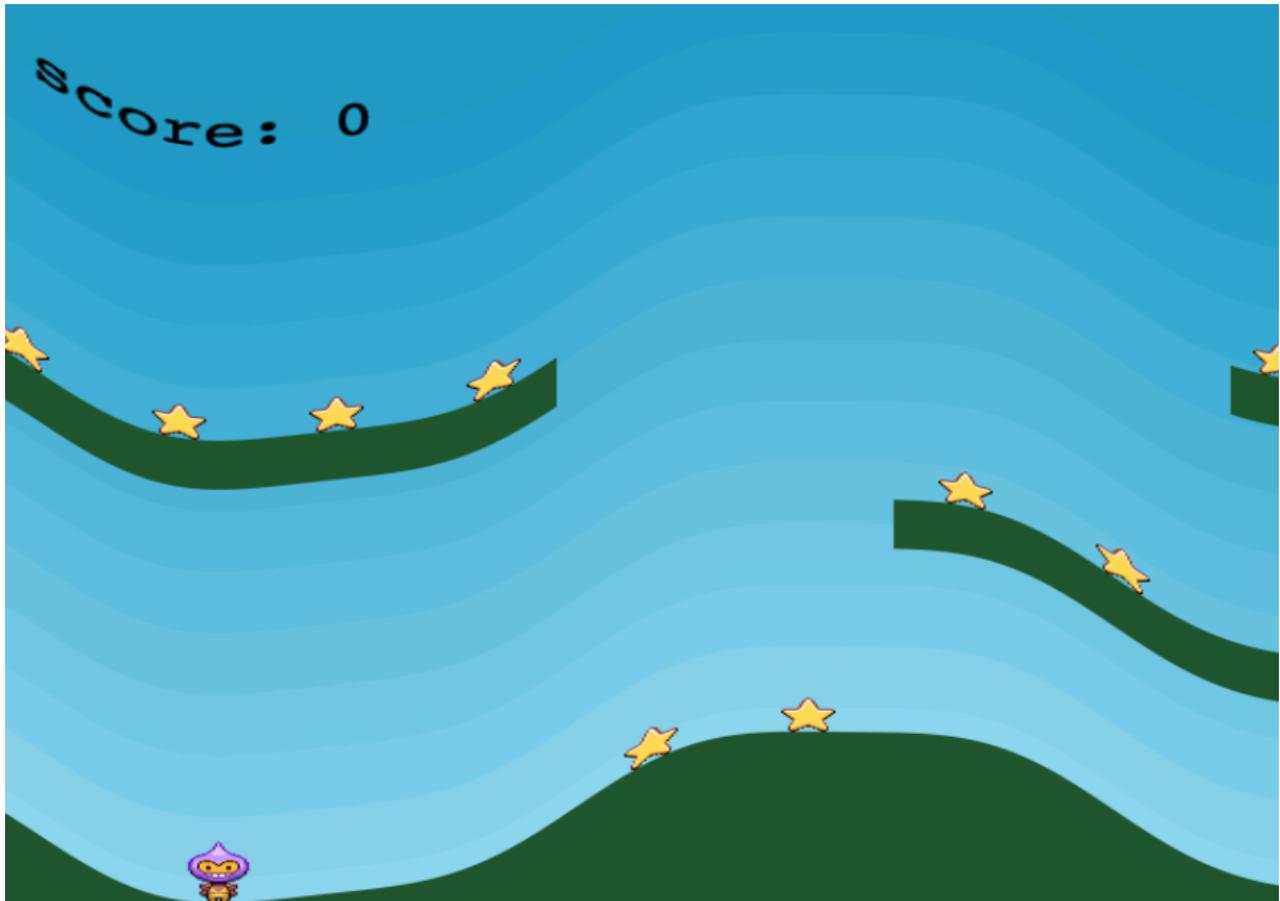
From [Home] go top [Camera]  
Scroll down to :



Game Shader Test 2

(This is the game we created)...

--> Review the code and find the  
only change ???



Now find something need to change,  
And share with the class...