

Creative Coding 2023

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Course website: https://openprocessing.org/class/83620

Exercise

https://drive.google.com/drive/folders/1RPul2 Tjvj3mzchxLQ4GXvtueG5UN-S?usp=sharing

Assign 6 (Due 6/4 12:00pm)

Fork here: https://classroom.github.com/a/ka2oKKEt

Submission deadline: 6/4 12pm



Requirements

Level C:

- Design a Boss class that inherits from the Enemy class.
- ☐ The Boss' constructor has two parameters: x,y
- The boss' initial hp: 5, damage: -20, xSpeed: 2
- □ Remember to uncomment the corresponding code for the boss in the EnemyMgr class.

Requirements

Level B:

- ☐ Complete addBullet() method in BulletMgr class.

 Note that at any given time, there can be a maximum of 5 bullets on the screen.
- Complete draw() method in BulletMgr class.
 - check all enemies on the screen.
 - If there is a collision, the enemy will lose health and the bullet will disappear.
 - ☐ If the enemy's health is depleted, the enemy will disappear and an explosion effect (Level A) will be added at that location.

Requirements

Level A:

- Design the Flame and FlameMgr classes to generate explosion animations upon collision.
- The animation should consist of five images named flame1, flame2, flame3, flame4, and flame5, played sequentially before disappearing.
- The FlameMgr class should use an ArrayList to manage multiple explosions. (Please refer to bulletMgr class)