

LOV

INTRODUCTION

LET THE GAMES BEGIN!



Let the games begin! Your job is to create a video game from scratch, possibly with a group, using a coding environment called replit.

Description:

The program should be a "game". It should be interactive, PG-rated, and somewhat original. Some suggestions might be educational games, farm stories, or card games, etc. See requirements/rubric for more details.

Testing

This project will be tested by your classmates; therefore, everyone is required to conduct testing. Each of your classmates will have the opportunity to evaluate your game. All comments in the evaluation should be helpful.

Before the assignment is due, your team will have the opportunity to review the testing comments and adjust your code.

Pacing

This project takes 2 weeks of class periods.

REQUIREMENTS/RUBRIC

Requirements for Code	Possible	Earned
Uses randint in a meaningful way	5	
Uses event listeners in a meaningful way	10	
Uses timers in a meaningful way	10	
Uses global variables in a meaningful way	5	
Uses math in a meaningful way	5	
Uses handlers/definitions in a meaningful way	10	
Uses if commands in a meaningful way	5	
Requirements for Game Play		
The game has a splash screen that includes instructions	5	
The game is interactive	5	
There is at least one player and at least three "enemies" in the game	5	
There is some sort of "point system"	10	
The game is somewhat original	5	
The game contains animated images	10	
The game has a meaningful goal	10	
Requirements for Submission		
Video	10	
Program code PDF	10	
Written responses	80	

Grade: _____/200

While you may choose to work in small groups (no larger than three), the submission is INDIVIDUAL, meaning that EACH STUDENT IN THE GROUP WILL INDEPENDENTLY COMPLETE AND MAKE A SUBMISSION!

TIMELINE

Activity	# Periods	Due Date	Column1
Brainstorm, download images/sounds.etc.	1		
Write the code to move the main player	1		
Add "enemies"	1		
Work on animation	2		
Create splash screen	2		
Build "point" system/display	1		
Testing Day (all students test others' work)	1		
Revisions based on testing day	1	4-Jun	
Create submission on day of your final	1	7-Jun	period 2
		8-Jun	period 4

Each student will be required to submit a daily progress report!

Each student will complete a submission on the day of their final exam.