

CS 86: Games Systems

Make Project

DUE May 13th at 11:59 PM

You will develop your own 8-bit game for the final project. You can use TIC-80, NES, or the VCS. You can work alone or with a partner. You can create an original game, or mash-up existing games, but your game should be more than simply a remake; be creative!

One of the key outcomes of this assignment is to reflect on the design of the game from a software point of view. Use some of the game programming patterns we covered in class.

1 Learning Objectives

- develop a novel video game;
- more practice with Lua (C or 6502-ASM);
- employ programming patterns;
- think and write critically about games.

2 Deliverable

Submit your make study on GitHub (as a markdown document), specifically reflecting on the design of your game and which patterns you employed (or tried to employ) to address a common problem in game development. Your TIC-80 game should be exported to HTML like we did in the earlier TIC-80 assignment. Your write-up should be clear and look nice. You will present your work during the final exam period.