

CMSC 117: Introduction to Computing: Interactive Systems

Assignment 1: OpenProcessing

Due February 10, 2010

The first assignment asks you to get acquainted with the online Processing community. First, sign up for an account at <http://www.openprocessing.org/>. Please include your username in the project report. Find two sketches on OpenProcessing.org that interest you and answer the following questions for each sketch:

1. What is the name of the sketch?
2. Who is the author of the sketch?
3. Can you tell why the sketch was created (e.g. a class, an exhibition)?
4. Does the author credit any other work as an inspiration or base for this sketch?
5. What aspects of the sketches could you replicate without a computer (e.g. as a painting)?
6. What aspects of the sketch rely on the computer as the medium (i.e. they would be hard to reproduce without a computer)?
7. What Processing primitives does the author rely upon heavily in the sketch (e.g. color, mouse input, animation, shapes)?
8. How is the code of the sketch decomposed and organized? Does the author break down the sketch into functions? If so, what are they?
9. How would you modify or improve upon the sketch?
10. Which sketch is more complex? What makes that sketch more complex?

Learning Objectives

- Get acquainted with openprocessing.org
- Read sketches

Deliverable

Submit an electronic copy of your report via moodle. It should be named:
cmsc117_openprocessing_NAME.pdf.