

MPM16B

Introduction to Computation for Experience Design

Problem Set 4

Typography, Remixing

Problems:

1. Typography. Create a composition that evokes either *joy*, *sadness*, *surprise* or *terror*. You must use the word itself (or a conjugated version of it) as part of the composition. Experiment with typefaces, colours, layout. Your sketch doesn't *have* to be interactive, but it should be animated. [4 pts]

2. Remix. Pick one of the examples that come with Processing (in any category) and remix it to make it your own. While you don't have to understand everything about the code (particularly if you pick an example that deals with some more advanced topics), you should be able by now to read through it and pick out parts that we have covered in class. If necessary, use the *reference* to look-up strange keywords you may not have seen yet. Submit both the original sketch and your remix. Your version should be unambiguously different, but I should also still be able to recognize the original sketch in it. [4 pts]

How to submit

Each of the questions above should be answered by a Processing sketch. For question 2, submit the original sketch as well. At the very beginning of the sketch, put a comment containing your name, the problem set number and the question number. Export each sketch as a web applet, and upload them to your web space.

Your answers should be up on your web page **before class** on the day the assignment is due.

Coding Style

For this assignment, you will be marked on your coding style as well as correctness. That means using variables/system variables instead of hard-coded values, properly formatted and indented blocks of code, appropriate names for variables and functions, comments to provide clarifications, etc... Use common sense!

Grading

Remember that this assignment is only graded on 8 points, as opposed to 16 for the other problem sets. What this means to you is that the total grade for all four problem sets is now 54 points. They will however have the same weight in your final grade as specified in the syllabus, so it will simply be adjusted to 64 points.