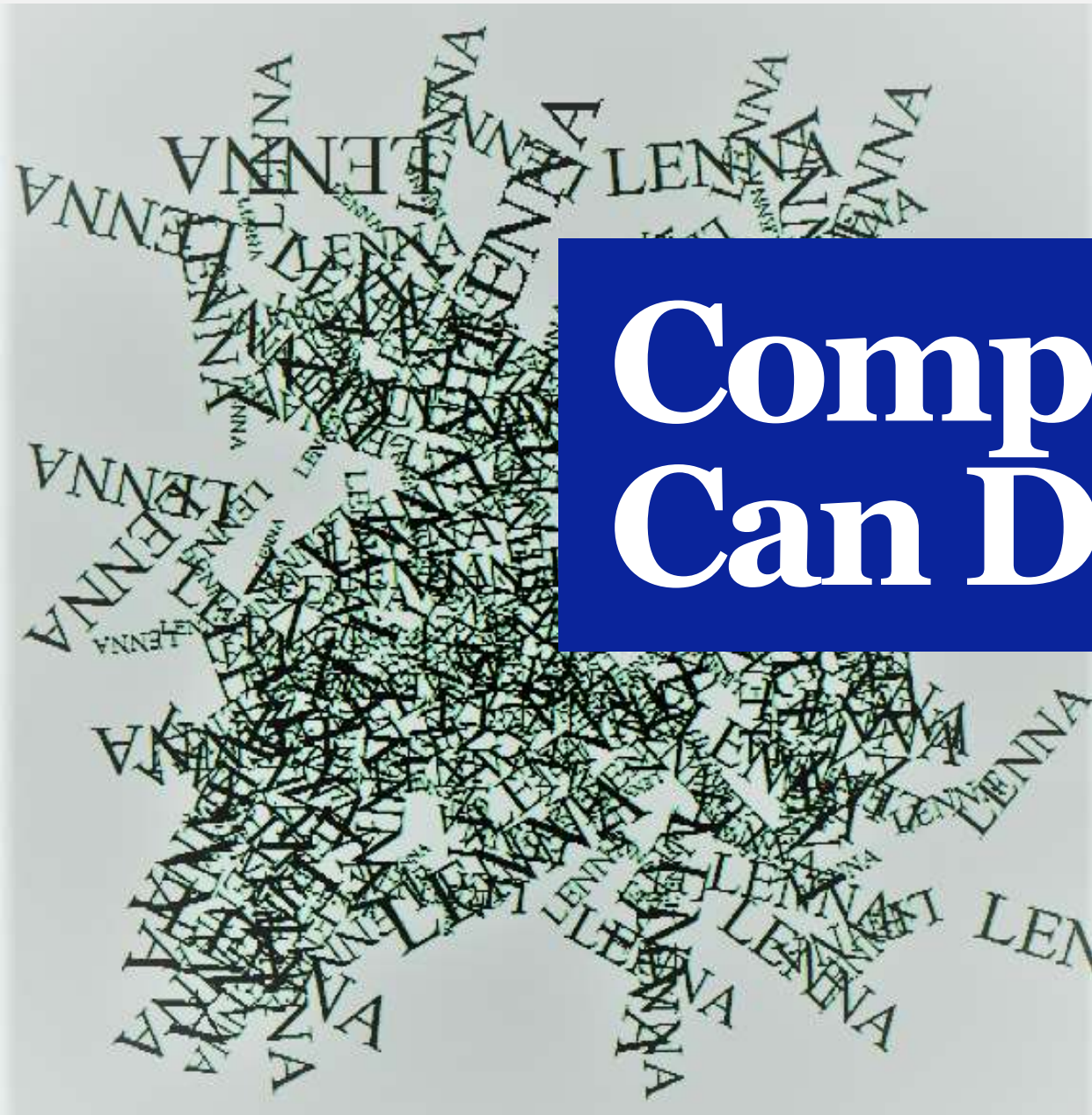


# Assignment 2

Spring 2019 Semester



LENNA in the Matrix by J.A.Brown (2019)

## Computers Can Do Art!

“We will prove wrong these horrid news articles which are attacking computer art,” says mildly annoyed professor in a tweed jacket

Using a programming language of your choice you will be given a several test input images of 512x512 pixels. You will produce via any evolutionary algorithm another 512x512 from a single test image your computational artist which will be presented to your peers and a distinguished judging panel!!!

10% of the assignment grade will be based upon the ranking in the art contest at the end of the evaluation – ranked by both students and the final awards presented to those selected by the expert panel, which will include not only Innopolis regulars, but artists and poets from about the globe, some computational artists and some analog. “it will really be a treat to see what they say” says professor Brown sipping on a tea. He continued, “it is important that the current ideas of philosophy are taken under consideration by attempting to work on the controversial issues of computer art. I am looking forward to several highly creative works developed by the students.”

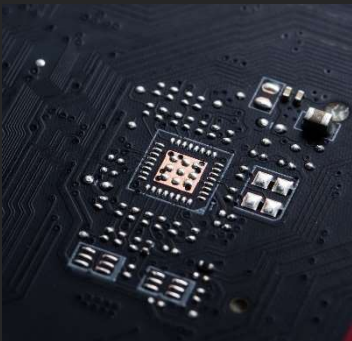
There is a month for them to work on the submission which means we should see some really detailed work from a variety of ideas of what art has now become.

Dr. Brown said that the restrictions to use a Evolutionary Algorithm were “in order to ensure it was examined before the final”, and that students should start early. The assignment will be due on week 12 of the class as per the syllabus. Along with the computer code should be a short report of about 5 pages which states the algorithm used and the method of using the input images, the fitness function of the EA, and shows some inputs and outputs with an explanation of why it is an artistic output.

## Student Representatives Demand Project Based Learning

In a request seen by many as something which should be done. Dr. Brown yielded to pressure today from the student representatives and gave a more project based second assignment. This means that students will be more responsible for setting the pace of the work and defining their own measure of success. The restrictions given in the assignment will be only about the inputs, the expected outputs, and will limit the scope to demonstrating the use of a evolutionary algorithm.

### Strong AI is HERE?



Does this chip control the weather in Kazan?

[Read more on P3](#)