

Project 1: Vector Abstraction

Requirements

Written in Processing 3.5.4

No special libraries required.

Operation

Run Small_Project_1.pde in Processing.

After loading you will see the simulation of the artwork by Vitaliy Komar and Aleksandr Melamid – Quote.

There is also an option to make your own custom version of the Quote. To do that you need:

- 1) Select the width and height of the cells. Firstly, mouse click on the sketch. Enter any number between 1 and 9, this will be the number of cells horizontally as the width. Then enter any number between 1 and 9 again, this will be the number of cells vertically as the height. The new grid of cells should appear.
- 2) Now you have the ability to enter your own text, you can enter all the letters on a standard English keyboard both capital and lower case, as well as the question mark (?), exclamation mark (!), comma (,), dot (.) and space.

Design notes

The Sketch is based upon the Quote by Vitaliy Komar and Aleksandr Melamid, which was one of the most famous pieces of the Sots Art movement.

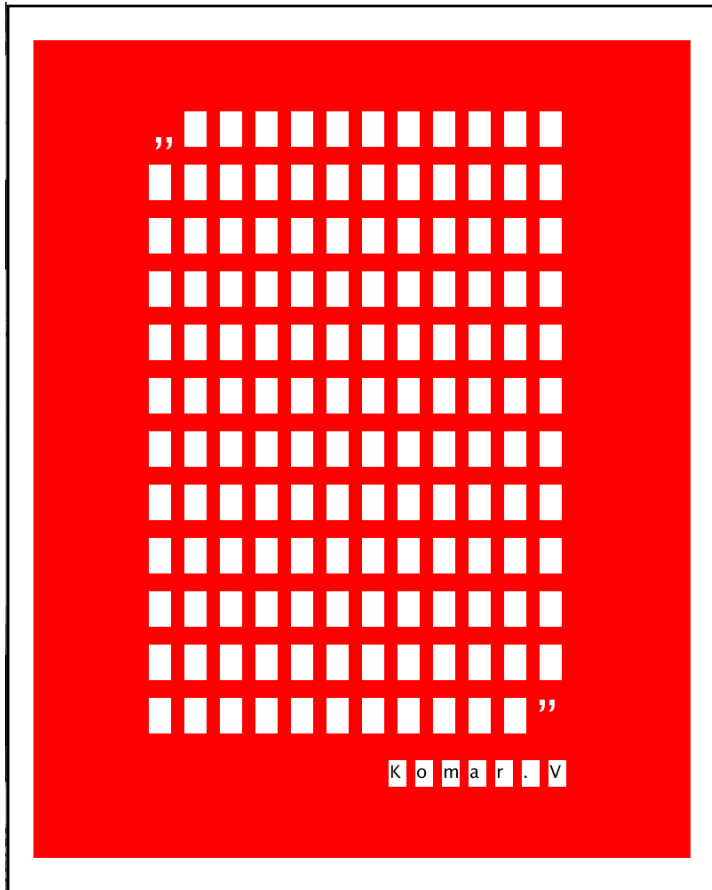
<https://www.theartstory.org/artist/komar-and-melamid/>

I used array, character recognition, colour, push and pop matrix to go around implementing the project.

There are some things that need improving. For example, adding the ability to erase letters so adding the backspace button. As well as, adding the refresh sketch button so that the user can refresh the custom Quote and enter new text.

Screengrab

Quote by Vitaliy Komar and
Alexsandr Melamid.



Custom Quote.

