A program, written in Processing that implements the design discussed in your document. It should:

* Include comments
* Include 3 or more different shapes
* Include 3 or more different colors
* Include an animated element that moves and/or changes shape and/or changes color on its own (without user interaction)
* Include an interactive element -some part of the application MUST respond to input from the user (mouse movement, keystroke).
* Be NON-TRIVIAL - it should be more complex than the application you created in lab #3.
* Be ORIGINAL - don't just hand in the results of expanding on the previous labs in class.
* Include SPECIFIC instructions regarding how the user can interact with your program. IF POSSIBLE put those instructions directly into your application. If you are unable to include instructions in your application, make sure you include in your PAPER how the user will interact with your program.
* IMPORTANT: do not copy other’s code. It must reflect your original/independent work