MTEC 1101: Emerging Media Foundation
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Project 2

Your final assignment is to create an original interactive canvas-based composition that showcases your creativity and understanding of the material. It should feature animation and user input to produce an interactive composition.

Resources:
I recommend getting acquainted with the following resources, which will help you to complete this assignment. It is your responsibility to find your way through this documentation. Knowing how to parse documentation to find the answers is a major part of how to be a successful programmer.
> MDN Web Docs: Canvas Tutorial
> MDN Web Docs: Canvas API Reference

Review the code posted on the github repository I've shared with you, and review class notes from this unit, which include explanations of the key concepts required to complete this project.

Project 2 Composition for the Media Computation
*Your sketch must be **responsive** (involving user input), and **include the following***:
> At least these **requirements**: *at least* t**hree 2D primitives** with **different stroke, fill, or other attributes**.
> You must include at least **one instance of overlapping shapes** (to help you understand *draw order* – which shape is drawn first);
> You must **define and use at least two variables**: one that contains <u>a color value</u> (keyword, hex, rgb, rgba), and one that includes <u>coordinates</u> utilized in the animation.
> You must **define and use an animation loop**, as in the example code for lesson 3.
> Your composition must be the result of deliberate design (not accidental, not just plopping stuff on the canvas).
> Your code should feature proper alignment, and include explanatory comments – tell me what you're doing, and why you're doing it, as you do it.
> **Make something move when a key is pressed** or **make something happen with the mouse click + movement**.
> o See the example code from lesson 4.
> **Change the title of the page in <u>index.html</u> using the <title></title> element.**
> **A comment block at the top of your HTML,** e.g.: <!-- I, Mergatroyd, created this interactive web-based artwork as part of CityTech's Emerging Media Foundation class. --> (et cetera.)
> A **comment block at the top of your JavaScript**, e.g.: /* I created this sketch for Brooklyn CityTech's Emerging Media Foundation class. My concept inspiration was [cite references and/or URLs] and I incorporated elements from [link to examples that you referenced] */

(I'll include an additional document on OpenLab instructing you how to *submit the project* once we get closer to the due date.)