Comp.Sci 40S
Assignment
Rubik's Cube

- Your job here is going to be challenging for sure.
- You are going to create a "fully functional" rubik's cube for the user to use.
- You are going to have to use a **3-D array** in some way in order to control the color scheme of certain sides or whatever else it would be useful for but you must use it in some way.

- The facts:

    - It has 27 cubes.
    - Each cube has 6 sides and the sides are designated the following colors (red, blue, white, yellow, green and orange).

- You are going to have to come up with a clever GUI so that the user can easily "***manipulate***" the cube.
- It will be up to you to decide on how much the user can do and how they can do it, but the closer you are to the real thing the better!

RUBRIC	**1** – Code is messy / hard to read. Major concepts / parts are missing. Several errors. Easy to tell that no true understanding is evident.	**2** – Code is neat / fairly easy to read. Some concepts / parts are missing. Some errors occur. Some understanding is evident but still some conceptual gaps are evident.	**3** – Code is very neat with spacing aiding organization. Most to all concepts are evident. No errors occur. Clear conceptual understanding is evident. Everything is working the way it's supposed to.	**4** – Code is exceptional, in terms of neatness and organization. All conceptual understanding is evident along with added features to beautify / simplify. Everything in **3** but with something to put it over the top.
GUI				
APPROPRIATE COLOR MANIPULATION				
USER FUNCTIONALITY				
DOES IT WORK LIKE IT SHOULD?				
USE OF 3-D ARRAY(S)				
PEER EVALUATION				
OVER THE TOP				

DUE: WED, MAR.9

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