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Project 1: Draw Something Cool in 3D!

Description:

- I created two source files:
    - One to create the circle vertices, and one to create a series of circles rotated to give the impression of a sphere.
- I created three list objects in sample.cpp:
    - One medium circle-sphere described above, to be centered and have three different colors.
    - One small red circle-sphere.
    - Three large white circle rotated with their plane being along each axis.
- In the Diplay() function, the medium colored circle was drawn once to represent the nucleus of an atom. The white circles were drawn once to represent the electron orbitals. The small red circle-sphere's were called three times, being translated such that they were 1 unit away on each axis. These represent the electron. The entire drawing is then rotated 45 degrees on the x-axis and -45 on the y-axis to look like the old atomic logo/drawing representations.

Meeting Requirements:

- Each circle shown has 100 vertices.
- The 5 colors shown are yellow, magenta, cyan, white, and red.
- As shown in the video, the 3D rotation and scaling are still working.
- Video Link https://youtu.be/AUZRtSOrmb0