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CSC 433
PA3 – Solar System
Usage and controls

Compile instructions: When in the program directory simply run the makefile my using the command **“make”**

Usage: To run the program once compiled, run the command **“solar”**

Controls: This program has a pretty long list of controls which can be used to modify the planets’ orbits and change the camera

- C - Toggle camera controls between translation and rotation
- Q - Move camera left / Rotate along x axis
- A - Move camera right / Rotate along x axis
- W - Move camera up / Rotate along y axis
- S - Move camera down / Rotate along y axis
- E - Zoom in / Rotate along z axis
- D - Zoom out / Rotate along z axis
- T - Single step mode
- R - Restart animation
- F - Cycle through draw styles
- Up arrow - Animation speed up
- Down arrow - Animation speed down
- Space - Reset camera

All of these controls can be viewed in the program by right clicking in the window. A menu will pop up showing all of these controls. You can even click the menu option to perform that given action.