Feel free to work with other students, but make sure you write up the homework and code on your own (no copying homework or code; no pair programming). Feel free to ask students or instructors for help debugging code or whatever else, though.

Note: You need to create a Github account for submission of the coding part of the homework. Please create a repository on Github to hold all your code and include your Github account username as part of the answer to the coding problems.

1 (Regular Surface.) Show that a sphere $\left(S^{2}\right)$ is a regular surface using spherical coordinates.

2 (Short Cut 2 of Regular Surface.) Show Torus ( $T^{2}$ ) is a regular surface using short cut 2.

