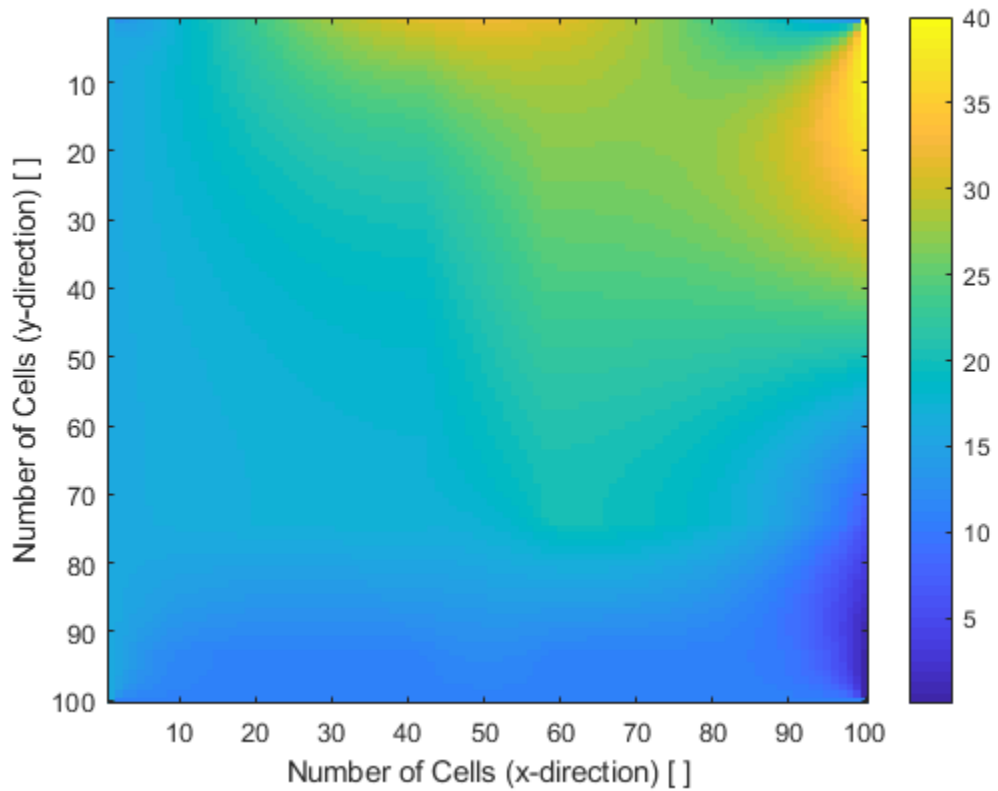
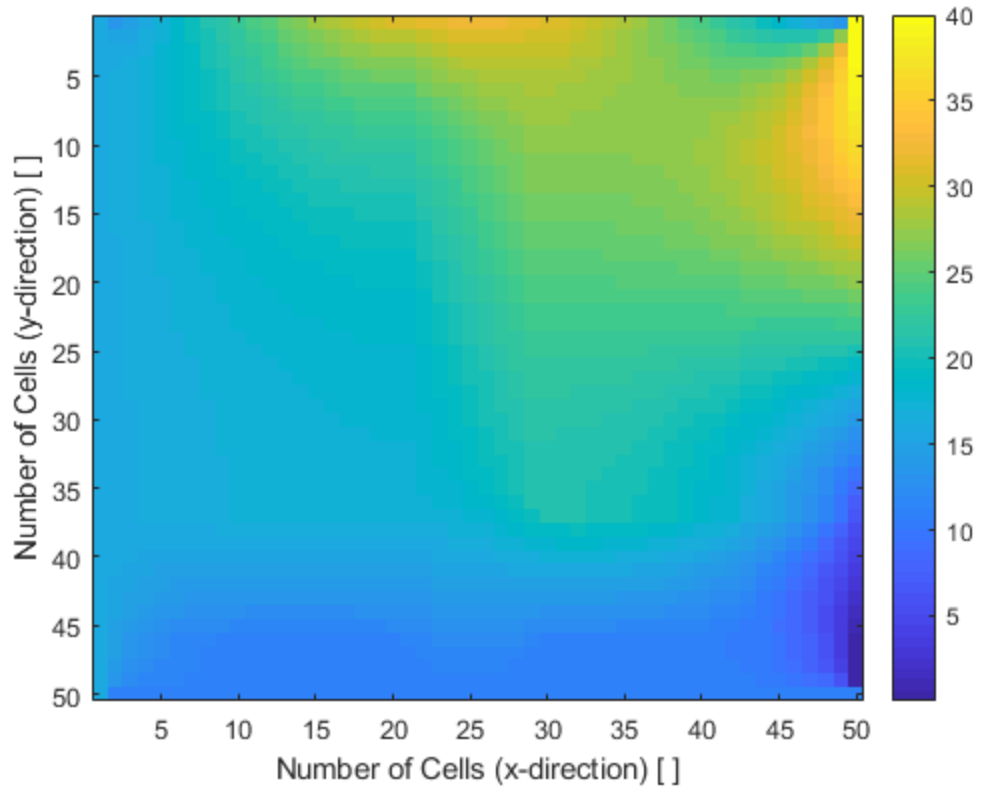
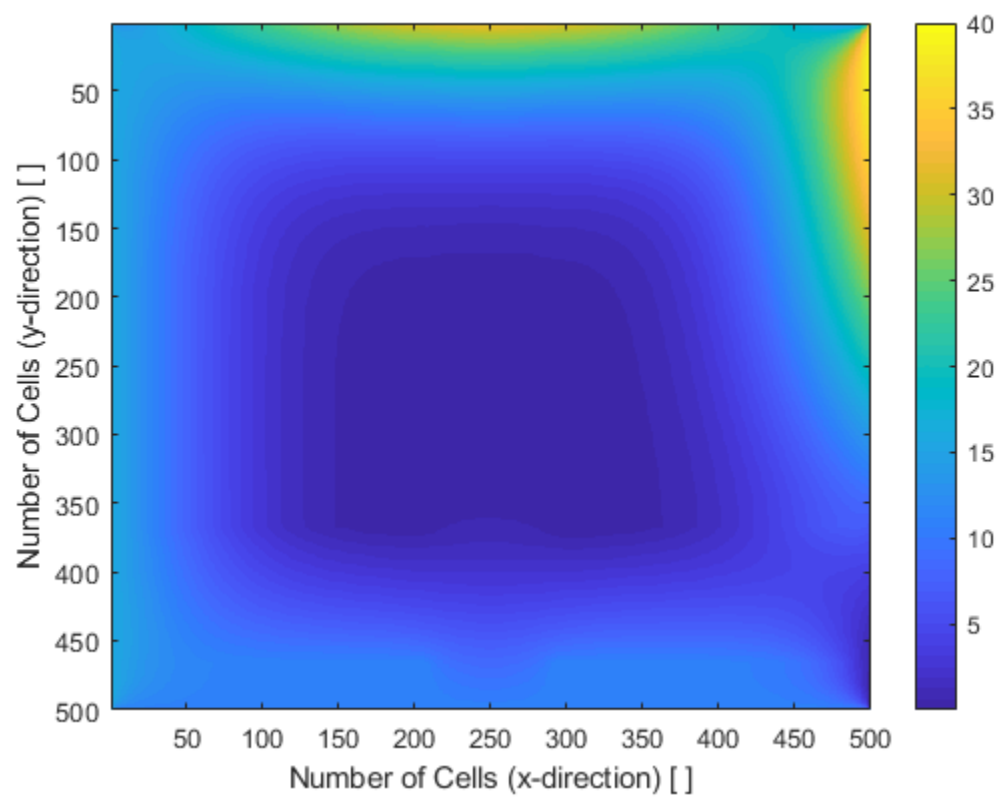


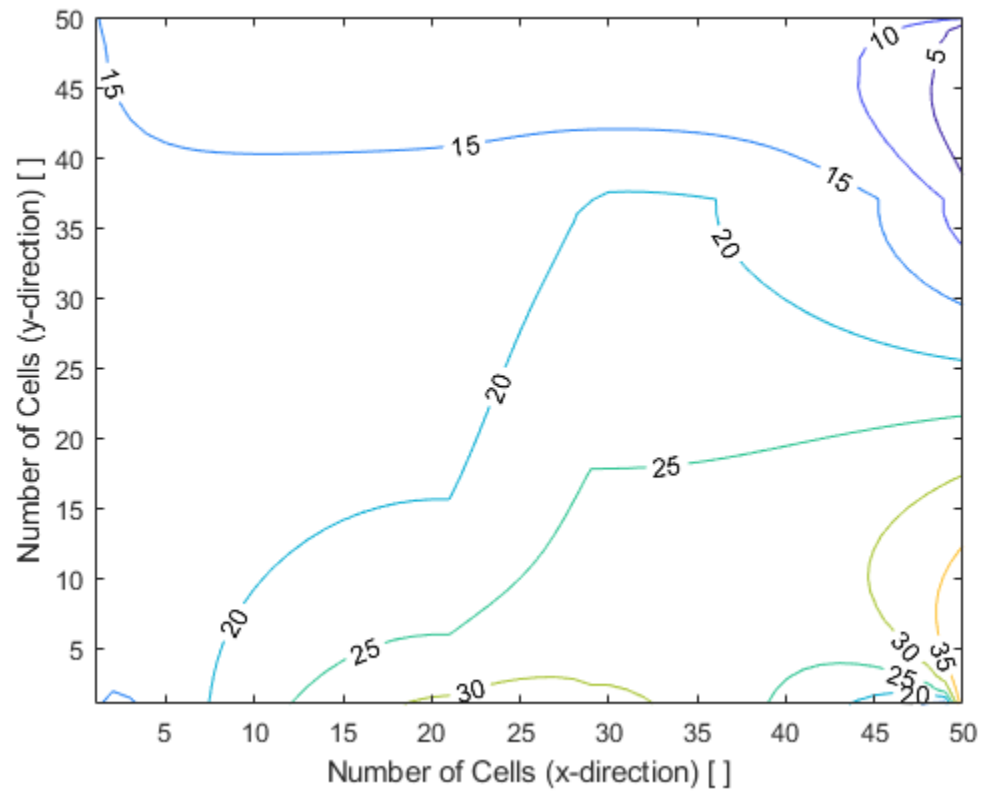
Assignment 4

Task 1: A Mesh Convergence Study

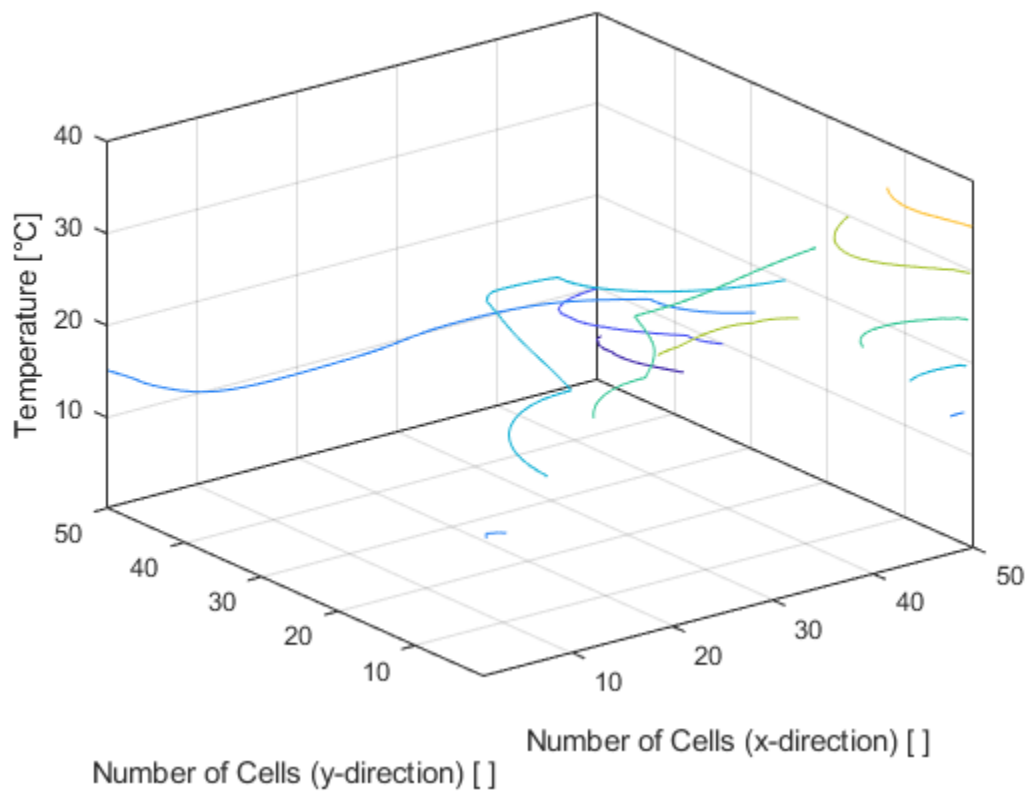




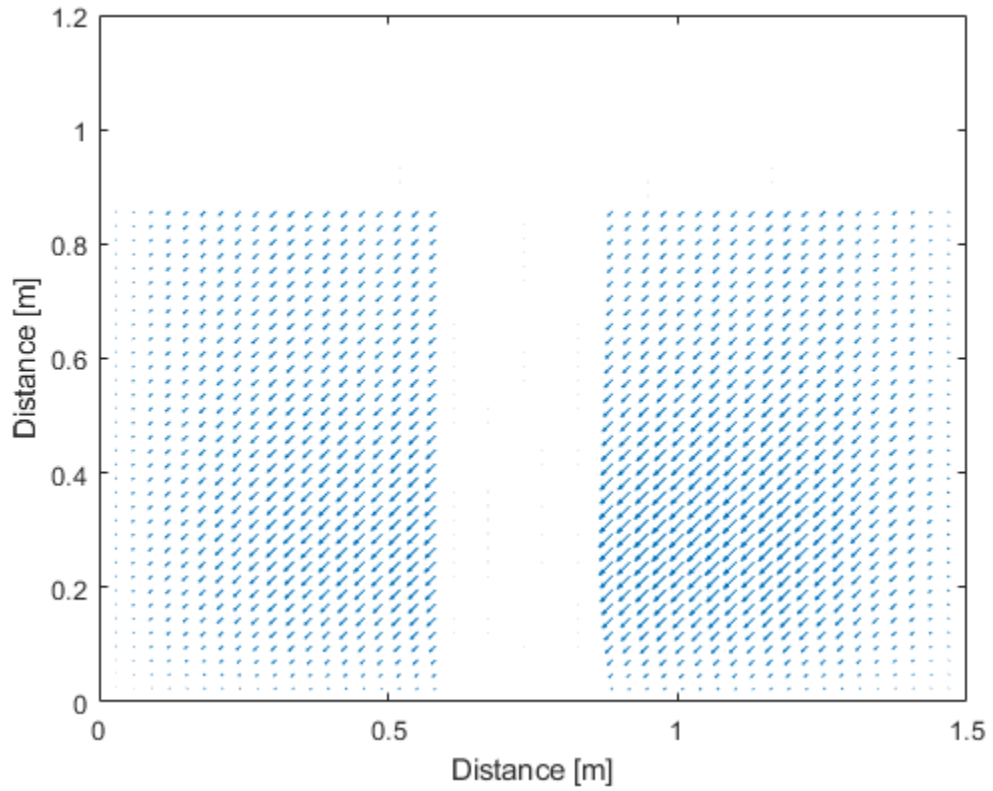
Task 2: A Contour Plot of Temperature – Temperature in Celcius



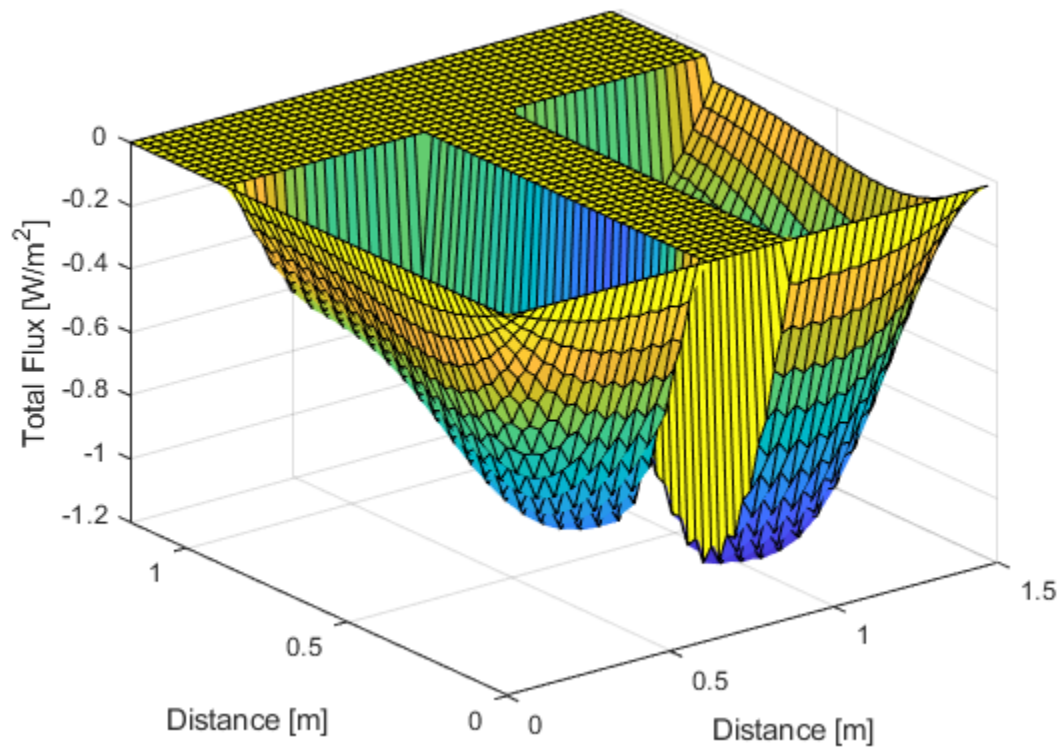
Task 3: A 3D Color Plot of Temperature



Task 4: A Vector Plot of the Heat Flux – Shows Direction

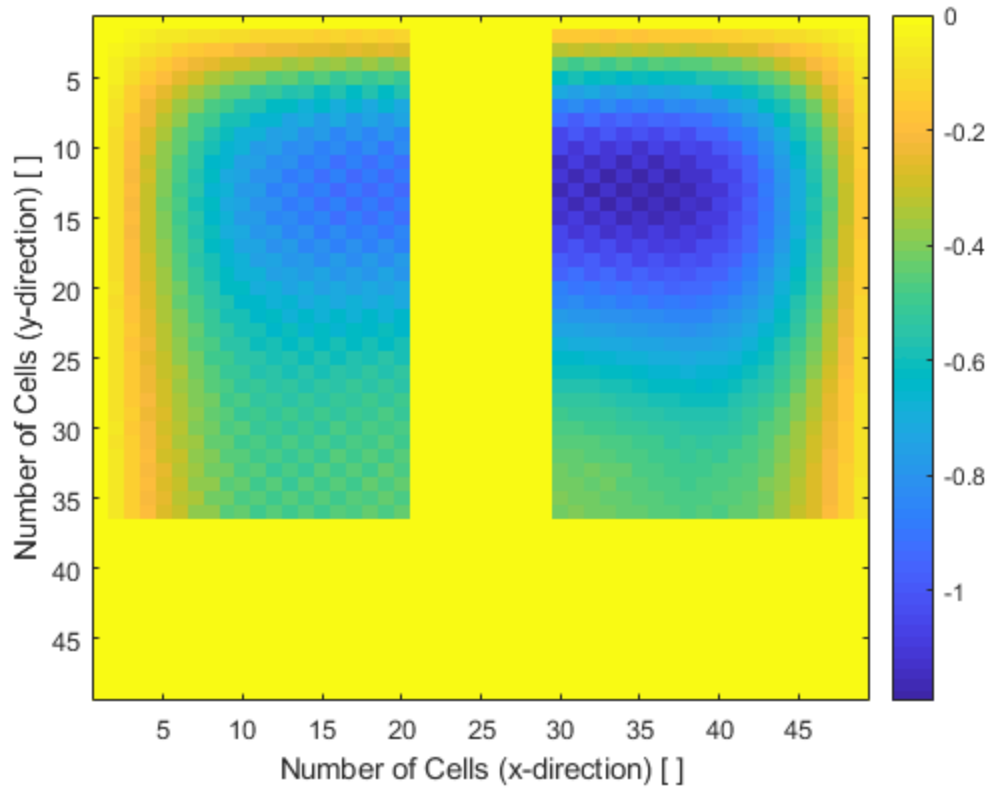


Task 5: A Heat Flux 3D Color Plot

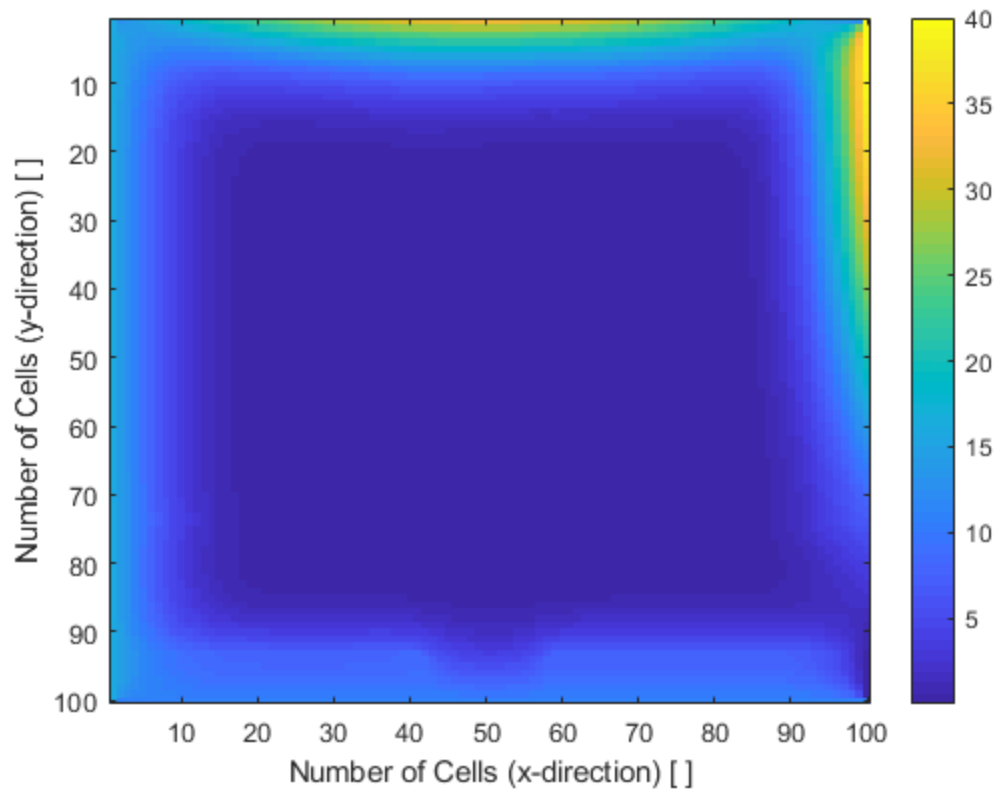


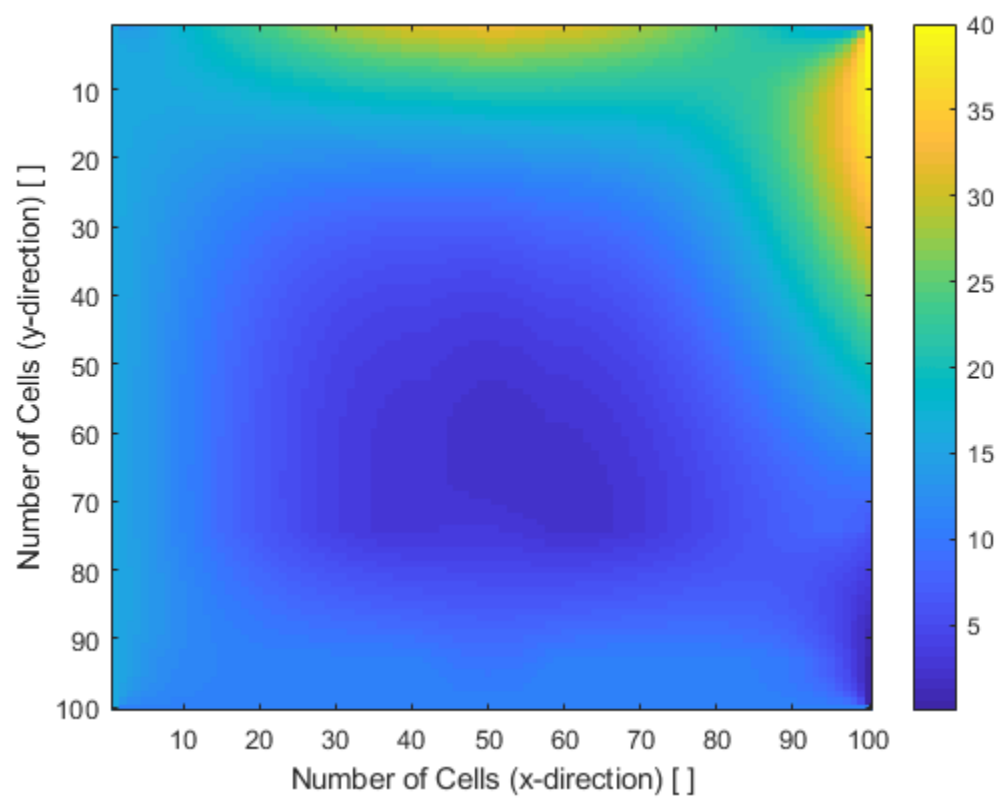
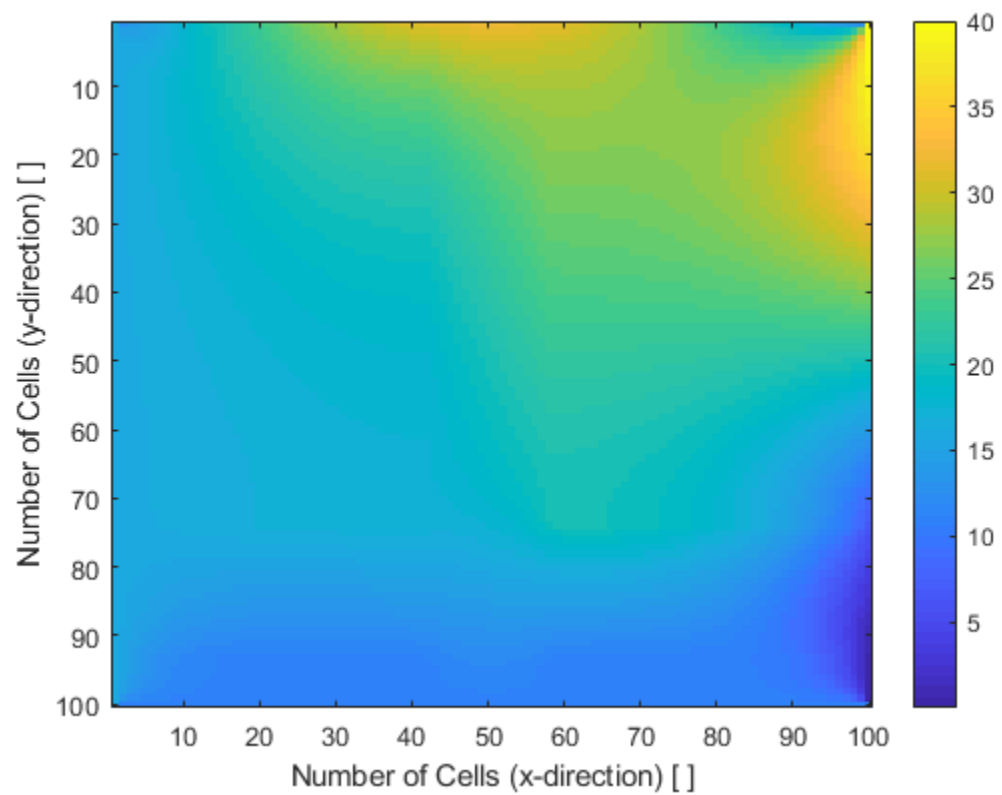
Task 6: Two Additional Plots

Plot 1: Color Plot of Total Flux at Iteration 200 – Heat Flux in W/m^2



Plot 2: How Iterations Affect the Result – (50, 500 and 5,000 Iterations)





Task 7: A 3D Color Plot of Temperature with a Modified BC

