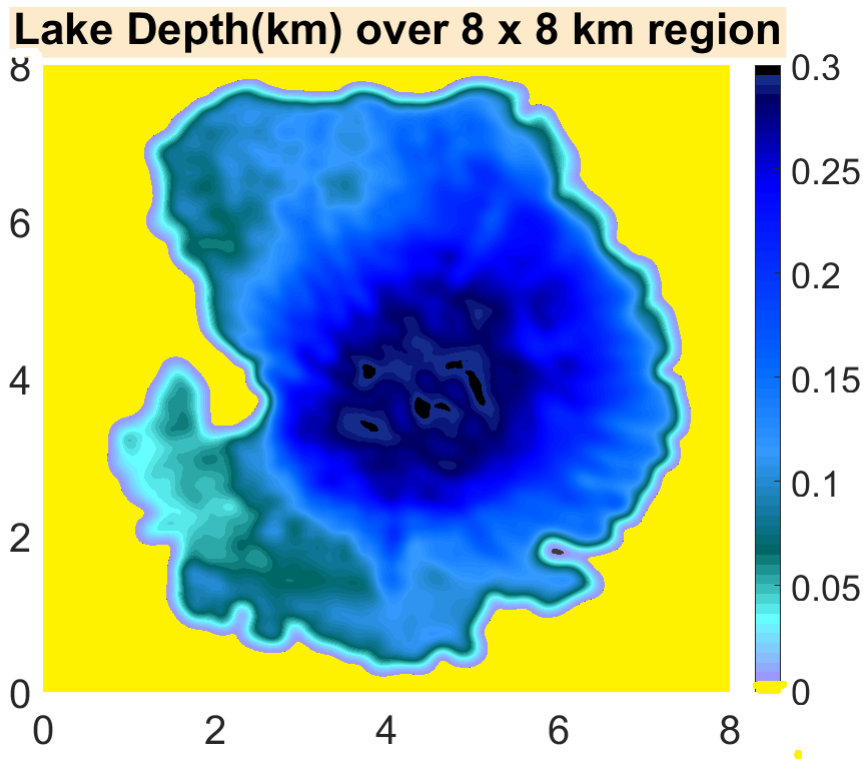# Coding Assignment: Due 4/23

- You can work in groups of size ≤ 3
- What turn in: `lakeVolume.m` ; Include a message in the D2L dropbox with the volume/area you found. Include the names of the group members as well.

Problem (Matlab[1]): Estimating the Volume of a Lake. You are to estimate the volume the lake below (your choice of method!). In the function `lakeVolume.m`, there is nested function `depth` and an example loop on how to calculate the depth at given. You will need the Matlab data file `lakeData.mat` in the same folder as the `lakeVolume.m`. To receive full credit, you must compute the volume, area, and average depth to within 1% error of the true result.

Lake Depth(km) over 8 x 8 km region

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[1]I have a C version if you prefer