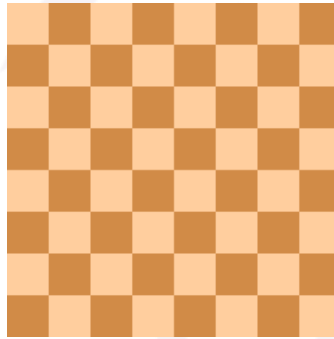# CS-224: Object Oriented Programming & Design Methodologies

Assignment 04

Duration: 1 Week

Have a look at the following chessboard:

Your task for this assignment is to produce it using SDL 2.0. You can use the SDL tutorials present at this link as we did in the class.

You need to create a single dimensional array of tiles of length 64 (Can and cannot be dynamic).

Write algorithm that creates a board exactly like the one shown up top. It will most likely take nested **for** loops to achieve this.

The board needs to be displayed exactly in the middle of the screen (write appropriate algorithm with mathematical calculations to do this)