**Bit Operations 3 Write-Up**

This assignment was deceptive in that it appeared much more difficult than it was before actually boiling down to ~3 lines of code per function. The first realization I had was that my 3rd bit, counting from least significant, corresponds exactly to one coordinate in the array. The second realization I had is that the remaining 3 bits correspond to the other dimension. The length is 8, 0 through 7, and the headers are the binary representations of the numbers 0 through 7. I ended up just returning arr[(bits 0-2)][(bit three)] in both contexts.

A screenshot of a computer screen

Description automatically generated