Lecture 15 - Ethernet
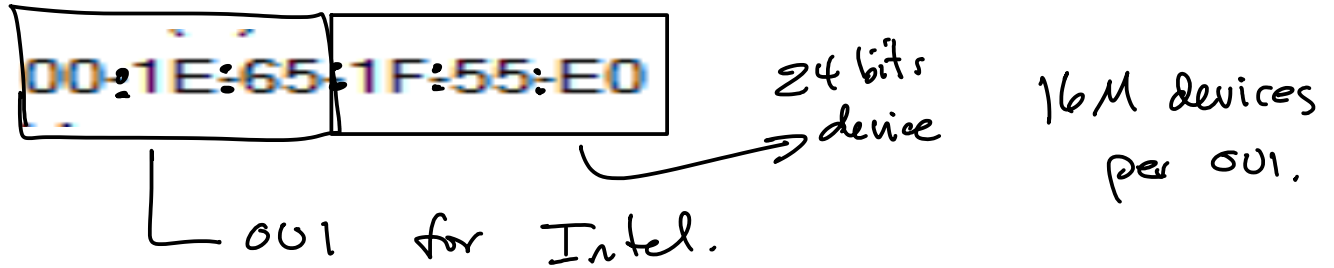
Exercise 1: How many possible OUI's are there? How many devices can be manufactured for each OUI?

00:1E:65:1F:55:E0   24 bits   16M devices
                     → device   per OUI.

└─ OUI for Intel.

3 bytes = 24 bits

$$2^{24} = 2^{20+4} = 2^{20} \cdot 2^{4} \approx 16 M$$