**Quiz 02/27/2019**

1. How many bits are there in 1 byte?
2. The EAX register can store a 32-bit integer. How many bytes does it store?
3. How big is a cache line in bytes?
4. What is the maximum integer value 1 byte can store?
5. How many unique values can 1 byte take?
6. How many unique values can 2 bytes take?
7. Convert 11 (base10) into binary (base2)
8. Convert 11 (base2) into decimal (base 10)
9. Write the binary representation of 0xABCD
10. Write the hexadecimal representation of:

000100100011010001010110011110001001101010111100110111101111b

1. What is 0110 & 1101?
2. What is 0110 | 1101?
3. What is 0110 ^ 1101?
4. What is ~0110?
5. What is 0110 & ~0110?