

ELEC 2200 - Homework 2 - Fall 2021

- 1) Convert 51_{10} (that's 51 in base ten) to hex and binary (1 point)

- 2) Convert $A1_{16}$ to binary and decimal. (1 point)

- 3) What's the largest value you can represent with a base 2 number (binary) with 6 digits? Write this in both binary and decimal. (2 points)

- 4) Convert $0x42$ into a base ten (decimal) and base 2 (binary) number. (1 point)

Bonus - Convert the numbers in 1, 2, and 4 to octal for a bonus point