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Chapter 2 Part 1 Homework

Due: Wednesday, September 8, 2021, Midnight

We have covered several basic concepts with respect to binary and hexadecimal from chapter 2. While we have practiced these concepts in class, I feel that many of you could benefit from additional practice.

You are required to show your work. You must show enough work to convince me you know what you are doing. If you do not show your work, you will get a 0 on this homework.

You may type your answers or print the document and write the answers. If you choose to type rather than write your answers, the answers must be in RED. Either way you **MUST** show your work.

Some of these may seem like busy work, but as I mentioned in class the more you practice the easier this gets.

Feel free to check your answers using an online calculator. However, show your work, it is not enough to just correct your incorrect answers you need to convince me you know how to complete the problems. If you do not understand any of these problems, come to my office hours, or ask for a meeting with me, or go to the office hours of one of the TA's.

Complete the following chart.

Decimal	Hex	Binary
0	0	0000
1	1	0001
2	2	0010
3	3	0011
4	4	0100
5	5	0101
6	6	0110
7	7	0111
8	8	1000
9	9	1001
10	A	1010
11	B	1011
12	C	1100
13	D	1101
14	E	1110
15	F	1111