

October 12<sup>th</sup>, 2019

**In-class exercise on Decimal, Binary, and Hexadecimal operations**

Name: \_\_\_\_\_

Problem 1: **decimal** addition. Write result in decimal format.

$$438 + 65$$

Problem 2: **Binary** addition. Write result in binary format, then convert it to decimal format.

$$110110110 + 1000001$$

Problem 3: **hexadecimal** addition. Write result in hexadecimal format, then convert to decimal format.

$$1B6 + 41$$

For your reference:

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