

SUPPLEMENTARY WORKSHEET
WEEK 01

Base 16 [Hexadecimal Number system]	Base 10 [Decimal Number system]	Base 8 [Octal Number system]	Base 2 [Binary Number system]
0-9,A,a-F,f	0-9	0-7	0-1
0	0	0	0000
1	1	1	0001
2	2	2	0010
3	3	3	0011
4	4	4	0100
5	5	5	0101
6	6	6	0110
7	7	7	0111
8	8	10	1000
9	9	11	1001
A	10	12	1010
B	11	13	1011
C	12	14	1100
D	13	15	1101
E	14	16	1110
F	15	17	1111
10	16	20	

1. Convert from Base 2 to Base 10
a. 1101 b. 1010 c. 101010 d. 110011
2. Convert from Base 16 to Base 10
a. FA b. 10 c. 43 d. F0
3. Convert from Base 10 to base 2
a. 23 b. 56 c. 33 d. 64
4. Convert from Base 10 to base 16
a. 23 b. 56 c. 33 d. 64
5. Convert from Base 16 to Base 2
a. FA b. 16 c. 20 d. FF

6. Convert from Base 2 to Base 16

- a. 11010011 b. 11100 c. 00011111 d. 00010001