

Task 3

$$0x1000 = 4096$$

Hexadecimal decimal number

0x = Constant for Hex Value is ordinary

$$1000 = 1 \times 16^3 + 0 \times 16^2 + 0 \times 16^1 + 0 \times 16^0$$

Task 4

Binary to Hex

1000	A	1000	1111	0011	0101
1001	9	8	F	3	5

A) 0xBF35

$$1011B = 3 \cdot 16 + 17 = 67$$

B = 0x37

$$1101D = 13 = 3$$

C = 0x3

Task 5

Hex to Binary

A)	0xFFFF	→	1111
B	0x3210	→	0011 0010 0001 0000
C	0xABCD	→	1010 1011 1100 1101