

FIT1047
SUPPLEMENTARY WORKSHEET -02
WEEK 01

Task:

1. Convert the following numbers from binary notation to decimal notation.

a) 110011

b) 001101

c) 100100

d) 11111100

e) 11001100

2. Convert the following numbers from decimal notation to binary notation.

a) 200

b) 65

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c) 101

d) 302

e) 259

3. Convert the following numbers from binary notation to Hexadecimal notation.

a) 11110010111100110

b) 111110000000000000

c) 1010110101001101010

d) 101010101101010100

e) 110010111000111011

4. Convert the following numbers from Hexadecimal notation to binary notation.

a) 101

b) FDCBA

c) 1F3A

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d) 234

e) CD901

5. Convert the following base 16 numbers to base 10.

a) 1A

b) 620

c) 0

d) FFD

e) 28311

6. Convert the following base 10 numbers to base 16.

a) 620

b) 16

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c) 209

d) 283

e) 480

7. Convert the following base 10 numbers to base 3.

a) 300

b) 211

c) 61

d) 283

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e) 480

Reference:

- 1- <http://www.wikihow.com/Convert-from-Decimal-to-Binary>