Introduction to Computer Science 19.1
NUMBER SYSTEMS – Exercises

7/15/2019

(1) Convert the following **decimal** numbers to their **binary** equivalent.

a) 91
b) 92
c) 76
d) 59

(2) Convert the following **decimal** numbers to their **octal** equivalent.

a) 300
b) 255
c) 364
d) 424

(3) Convert the following **binary** numbers to their **decimal** equivalent.

a) 10011101
b) 11100111
c) 1010110
d) 11001100

(4) Convert the following **binary** numbers to their **octal** equivalent.

a) 101010101
b) 110011001
c) 111000111
d) 011011011

(5) Convert the following **octal** numbers to their **decimal** equivalent.

a) 2156
b) 3465
c) 7654
d) 3456

(6) Convert the following **octal** numbers to their **binary** equivalent.

a) 326
b) 724
c) 725
d) 346
e) 635