

- 0) Read Chapters 1 and 2 of the course textbook.
- 1) Convert the following **binary** number to decimal using expanded notation.

1 0 0 1 1 0 1 1

- 2) Convert the following **octal** number to decimal using expanded notation.

5 2 4 7

- 3) Consider the following decimal number:

1984

- a) Convert this into binary.
- b) Using the answer from part a, convert that binary number into octal.
- c) Using the answer from part a, convert that binary number into hexadecimal.
- 4) Do Exercise 1.3 on page 55 of the textbook.
- 5) Do Exercise 1.4 on page 55 of the textbook.

TURN IN:

Work submitted must be **neat** and **easy to read** and **understand**. Use “clean” paper that is free from rips, tears, etc. Use one side of pages only and staple pages together (upper left-hand corner).