



- 1- Obtain the 1's and 2's complements of the following binary numbers:
(a) 00010000 (b) 00000000
(c) 11011010 (d) 10101010
(e) 10000101
- 2- Convert $(AA)_{16}$ and $(55)_{16}$ to binary then multiply them (assume signed 16 bit numbers).
- 3- (a) Convert C3DF to binary.
(b) Find the 2's complement of the result in (a).
- 4- * Convert decimal 6,514 to both BCD and ASCII codes.
- 5- Solve the following questions form the book.
1.7, 1.8, 1.10, 1.18, 1.20, 129*

*: Find the ASCII codes on the Internet.