ECE 3223
Homework 2

Fall 1997 Dr. Havlicek

1. Find the 1's and 2's complements of each of the following 7-bit BINARY numbers:
   (a) 1010101b
   (b) 0111000b
   (c) 0000001b
   (d) 1000000b
   (e) 0000000b
2. Convert each of the following DECIMAL numbers to OCTAL and to HEXADECIMAL:
   (a) 757.25d
   (b) 123.17d
   (c) 356.89d
   (d) 1063.5d
3. Convert each of the following BINARY numbers to DECIMAL and to HEXADECIMAL:
   (a) 10111011.1b
   (b) 10000011.11b
   (c) 1101101.011b
   (d) 11101111.101b