Number Systems Conversion
Practice Problems

1. Convert the following numbers to Radix 10
   a. $(111)_2$
   b. $(777)_8$
   c. $(FEC)_{16}$
   d. $(111)_8$

2. Convert the following Binary numbers to Octal
   a. 111110110
   b. 10000010
   c. 1100010

3. Convert the following Binary numbers to Hexadecimal
   a. 10101001
   b. 11100111
   c. 01101110

4. Convert the following Hexadecimal numbers to Octal
   a. A9
   b. E7
   c. 6E

5. Convert the following Octal numbers to Hexadecimal
   a. 777
   b. 605
   c. 521

6. Convert the following Decimal numbers to Octal
   a. 901
   b. 1492
   c. 2001

7. Convert the following Decimal numbers to Binary
   a. 45
   b. 69
   c. 1066

8. Convert the following Decimal numbers to Hexadecimal
   a. 1939
   b. 998
   c. 43

9. Using the rules of BCD addition, add the following numbers
   a. 599 and 984
   b. 184 and 576
   c. 2905 and 1897