NAME: JIM BOB

1. Convert the following numbers from decimal to binary

   - 119_{10} -   01110111

   - 114_{10} -   01110010

   - 35_{10} -   00100011

   - 27_{10} -   00011011

   - 207_{10} -   11001111

   - 187_{10} -   10111011

2. Convert the following numbers from binary to decimal

   - 00000101_2 -   5

   - 00000111_2 -   7

   - 10001101_2 -   141

   - 00110110_2 -   54

   - 10100110_2 -   166

   - 00010110_2 -   22

3. Convert the following numbers from octal to binary

   - 262_8 -   178

   - 167_8 -   119

   - 47_8 -   39

   - 263_8 -   179

   - 73_8 -   59

   - 22_8 -   18

4. Convert the following numbers from hexadecimal to binary

- DB_{16} -   219

- 62_{16} -   98

- BA_{16} -   186

- DC_{16} -   220

- 35_{16} -   53

- 25_{16} -   37

5. Convert the following numbers from binary to hexadecimal

- 00011100_2 -   1C

- 11101001_2 -   E9

- 00100010_2 -   22

- 11010110_2 -   D6

- 00110110_2 -   36

- 00000111_2 -   7

NAME: STUDENT TWO

1. Convert the following numbers from decimal to binary

   - 205_{10} -   11001101

   - 130_{10} -   10000010

   - 61_{10} -   00111101

   - 54_{10} -   00110110

   - 97_{10} -   01100001

   - 234_{10} -   11101010

2. Convert the following numbers from binary to decimal

   - 11010110_2 -   214

   - 00001111_2 -   15

   - 00101000_2 -   40

   - 10100101_2 -   165

   - 01000101_2 -   69

   - 00001010_2 -   10

3. Convert the following numbers from octal to binary

   - 354_8 -   236

   - 16_8 -   14

   - 217_8 -   143

   - 7_8 -   7

   - 207_8 -   135

   - 223_8 -   147

4. Convert the following numbers from hexadecimal to binary

- $4A_{16}$ -   74

- 77_{16} -   119

- $1A_{16}$ -   26

- 81_{16} -   129

- $D3_{16}$ -   211

- 63_{16} -   99

5. Convert the following numbers from binary to hexadecimal

- 00101101_2 -   2D

- 00001101_2 -   D

- 10101001_2 -   A9

- 01101100_2 -   6C

- 00100011_2 -   23

- 00111001_2 -   39