Assignment 1 solving

1) Convert Decimal Number to binary
   - $(5)_{10} = (101)_2$
   - $(31)_{10} = (11111)_2$
   - $(112)_{10} = (1110000)_2$
   - $(255)_{10} = (11111111)_2$

2) Convert Binary Numbers to decimal

   - $(11110001)_2 = (241)_{10}$
   - $(11001010)_2 = (202)_{10}$
   - $(11111111)_2 = (255)_{10}$
   - $(00011100)_2 = (28)_{10}$

3) Convert this text to Binary

   - Hello = (01001000 01100101 01101100 01101100 01101111)
   - Python = (01010000 01111001 01110100 01101000 0110111 01101110)

4) Convert this Binary to Text

   - (01011001 01101111 1110101)   = (You)
   - (01000100 01101001 1100100) = (Did)
   - (01000111 01101111 1101111 1100100) = (Good)
   - 01001010 01101111 1100010) = (Job)