Converting a Decimal Value to an Unsigned Binary

```
def decimalToUnsigned(n, m):
    """
    decimalToUnsigned(n, m) produces a list of the m bits corresponding
    to the decimal value n, assumed to be non-negative.  If m is too small,
    then the fewest possible number of bits is used.  The resulting list
    of bits is treated as an unsigned value.
    """

    # Generate the bits from LSB to MSB order
    R = [ ]
    while (n > 0):
        R.append(n % 2)
        n = n / 2

    # Pad with 0's if required
    if (len(R) < m):
        while (len(R) != m):
            R.append(0)

    # order the bits correctly
    R.reverse();

    return R
```