Assignment 7

RWH

due October 29 2015

The last python assignment. The numbers below are integers.

1. **Say** Write program that takes numbers and writes out their proper names. It can stop with 1000 (i.e. 999 is nine hundred ninety nine, 42 is forty two.) Numbers that are out of range (1000 and higher) can just be echoed as numbers.

   HINT: Make this a method or class that you can reuse in the third item.

2. **unSay** Write a program that takes a written description of a number, (forty-two or forty two) and returns the integer value of it.

   HINT: Again make this a method or class.

3. **Math** Use the Say and unSay programs to do written math. Handle addition, subtraction and multiplication. Your program should take one plus one and return two or six times seven and return forty-two (or forty two).

extra credit Make the math program (part 3) handle mixed expressions and negative numbers. One plus 1 should return two. negative one + one should return zero.