1. Static Scanner
2. Prompt: MESSAGE
3. DISPLAY: enter base number
4. Var baseNum gets Scanner
5. Display: enter exponent
6. Var exponent get Scanner
7. Var answer gets Class.powRaised
   1. If (exp == 0) return 1
   2. Else

1b. x gets powRaised(base, exp-1)

**EXAMPLE:**

**2 to the 3 power == (2^3).**

**(2^3) == powRaised( base^exp ).**

**so (2 ^ 3-1) == powRaised(base ^ exp – 1).**

2b. y get base MULTIPLIED by x

3b. return y

1. DISPLAY: var answer