**Programming Exercise 11.3 Instruction**

Required

10 points

***NOTE: You can submit twice but your last submission by due date will be graded only.***

**How to submit all your files at once to D2L**

Attach and upload the following items in one submission attempt to D2L for this assignment.

File 1: Your code with file name “expo.py” [5 points]

File 2: a screenshot (image or pdf or word document) of your output with random input to have a unique output. [5 points]

**Instruction**

Python’s pow function returns the result of raising a number to a given power. Define a function expo that performs this task, and state its computational complexity using big-O notation. The first argument of this function is the number, and the second argument is the exponent (nonnegative numbers only).

You may use either a loop or a recursive function in your implementation. Caution: do not use Python’s \*\* operator or pow function in this exercise!