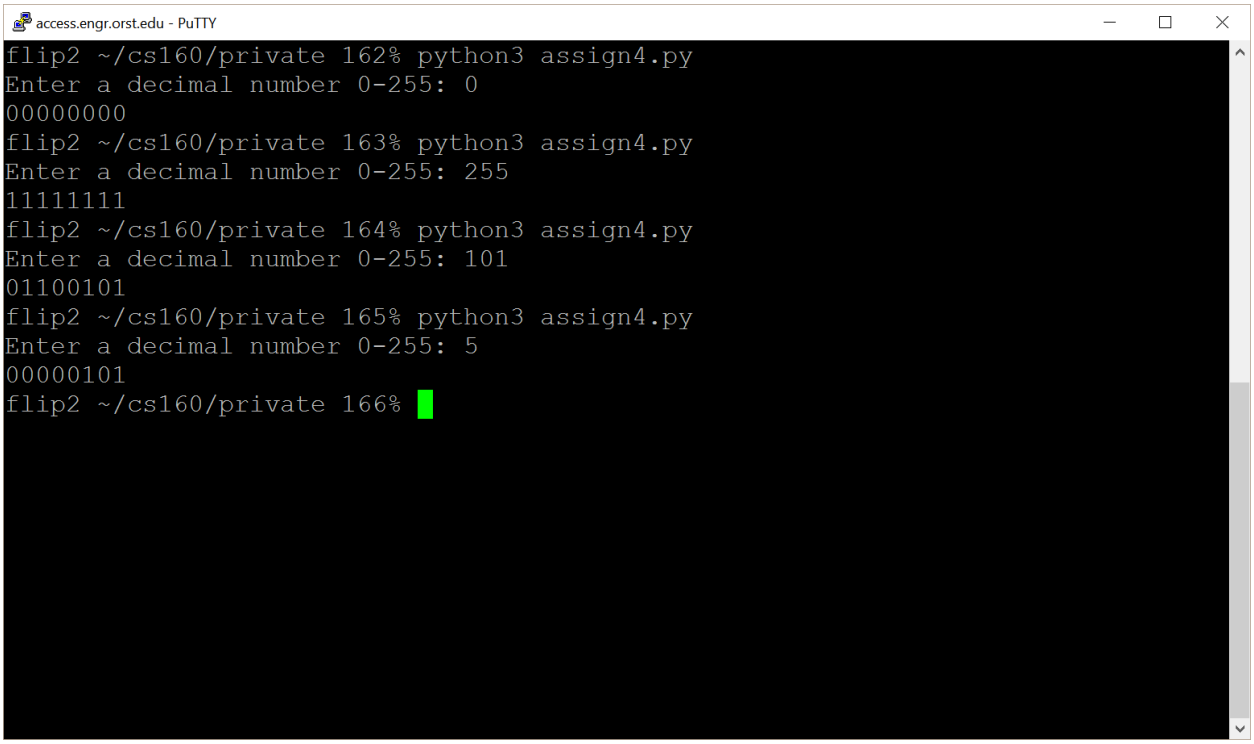
Assignment #4
Make a Binary Calculator in Python Code
Due: Sunday, 10/16/16, 11:59pm

(60 pts) **Step 3: Program Implementation**

We will write a simple binary calculator in Python. This calculator will convert an unsigned decimal number less than 256 to a binary number, and you can print the leading zeros for the binary number. At this time, you will implement the solution and syntax from Assignment #3, which means that you may not use conditions or loops!!! You can assume good input for making the program work correctly.



(10 pts) **Step 4: Testing Bad Input (Actual Results)**

Finish your testing table from Assignment #3.

- What are the actual results from testing with BAD input?
- Do the actual results match what you expected?

(30ts) **Design Error Handling**

Design a solution for handling BAD input to your binary calculator. How are you going to make sure that your program prints an error message, “This is not a number 0-255!”, when the user enters BAD input?

- Write the steps needed to make sure the input is good and print a message when it is bad.
- What will the corresponding syntax for the python code be (written on paper)?

Electronically submit your **.py file** (Python code) and **.pdf** (testing table and design) by the assignment due date, using TEACH:
https://secure.engr.oregonstate.edu:8000/teach.php?type=want_auth