**Student Name/Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Rubric:**

\_\_\_\_\_\_ / 5 Asks for input and method

\_\_\_\_\_\_ / 30 3 methods work correctly

\_\_\_\_\_\_ / 5 Meaningful variable names, comments, overall style

\_\_\_\_\_\_ / 10 Program emailed properly on time with correct subject line

\_\_\_\_\_\_\_/50 Total

**Description:**

* Create a num\_loops program that prompts the user for an input number and then asks which of the three methods they’d like to run, and then runs it:
  + def print\_num(n) that prints out 1 through n on separate lines
  + def num\_back(n) does the same as print\_num but backwards
  + def sum(n) that adds up 1 through n and prints out the answer

**Program Requirements**

* Must Compile without modifications to the code (all or nothing)
* Prompts user for an input integer and asks which method to use.
* For example, if I input “5” and “num\_back” the program would print out

1

2

3

4

5

* Correct formatting and indentation (5 points)
* File must be named num\_loops\_lastname.py
* At the top of your code, you must include a block comment:
  + Your Name
  + Class
  + Date
  + Instructor Name
  + Project number and name

**What to do with it once you’re done (10 points)**

* Email me a copy of your .py file
  + The subject line MUST be “[ICS] Week 05 LastName” so mine would be “ [ICS] Week 05 Swindle”
  + MUST be turned in by the start of class on 9/11 or it’s late.