CSI 31   Lecture 14   In-Class Assignment

1. Write definitions for the following two functions:

sumN(n)   returns the sum of the first *n* natural numbers if *n* is positive integer,
                    and -1 otherwise

sumNSquares(n) returns the sum of squares of the first *n* natural numbers if *n* is a positive integer,
                    and -1 otherwise

2. Copy the code for both functions into the program **inClassAssignment2_draft.py** which tests these function and run the program. You should see that all tests "passed".

3. Use definitions of functions *sumN(n)* and *sumNSquares(n)* to write a program that will output the results into a file *result.txt* in the following format:

```
The sum of the first <n> integers is: <result here>,
The sum of the squares of the first <n> integers is: <result here>.
```

Use this draft: **inClassAssignment3_draft.py**