MET 3601 Syntax Problem #5

Please do your work in the syntax-problems folder on the JupyterHub <u>and</u> upload the .ipynb file to Canvas.

https://fit24f-1.ees220002.projects.jetstream-cloud.org/

Objectives

1. Practice Writing Python code
2. Practice Running Python code
3. Use of comment block at beginning of code and comments throughout code
4. Practice selective execution with Python syntax

Due by the beginning of the 9/16 class

Problem

1. Write a Python program that will read in 100 grades from a file called **grades.dat** [1] and compute the sum, average, and standard deviation using the NumPy module.
2. Write a high-quality comment block at the beginning of your code and include good comments throughout your code.

Notes:

- Make sure documentation (e.g., comment block and comments throughout code) is present in your source code
- Make output informative so that anyone running your program understand what is being produced without seeing the assignment.

- Name the program (notebook)

  syntax5_lastname.ipynb

  where 'lastname' is your lastname 😊

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[1] This file is in the syntax folder on the Jupyter Hub