

Syntax Problem #7

Objectives

1. Practice writing Python code and using comments.
2. Practice running Python code.
3. Use file input into the program.

Problem

1. Write a Python program that reads in surface data from **KSGF_202409.csv**. Plot a line graph of the minimum temperature and maximum temperature on the same plot for each hour, including special observation times. Make sure there are appropriate labels and legends. Call the figure **kgnv_temps_<username>.png**.

Files are located in /pragmatic_python/syntax_problems/data/

Notes:

- Double check to make sure you have the correct output and conversion for pressure.
- 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 understands what is being produced without seeing the assignment.
- Name the program **syntax7_<username>.py** and place a copy in /share/share/syntax_problems/