

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 **kvpz_20161006.dat**. Plot a line graph of the temperature and dewpoint on the same plot for each hour, including special observation times. Make sure there are appropriate labels and legends. Call the figure **kvpz_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/