GEOG503A Lab 6

Use PyCharm or Jupyter Notebook to perform the following tasks:

Tasks:

Input data folder: \lab6

Results folder: \lab6\Results\

1. Write a script that performs the following tasks using the airports.shp
   a. Select those airports that are located in "Nome Census Area" County and print out their NAME and LOCID. (5 pt.)
   b. Update the STATE field of those selected airports to "AK" if their STATE field is empty. (5 pt.)
   c. Export the information about those airports in "Nome Census Area" County to a text file, including these fields: NAME, LOCID, Longitude, and Latitude. (10 pt.)

2. Write a script that converts the airports.txt into a Point-type shapefile. The resulting shapefile should have the following fields based on the information from the airports.txt, including NAME, LOCID, X, and Y. (20 pt.)

What to submit:

1. The two Python scripts (or a single Jupyter Notebook) for the tasks above. Submit the zip file that only contains the scripts without the data.

File name convention for assignment submissions:
lastname_firstname_lab6.zip