**CP102 – COMPUTER PROGRAMMING 2**

**ACTIVITY 4**

**CSV FILE HANDLING**

**Instructions:**

1. Open and read the census.csv file.
2. Count and display the total cities (CTYNAME) per state (STNAME). Disregard the first entry per state (the one with the same value of STNAME and CTYNAME).
3. Display the state with the highest number of cities.
4. Display the state with the lowest number of cities.
5. Display the total 2010 census population (CENSUS2010POP) per state (the CENSUS2010POP column value of each row with the same value of STNAME and CTYNAME).
6. Display the city per state with the highest 2010 census (CENSUS2010POP).
7. Display the city per state with the lowest 2010 census population (CENSUS2010POP).

*Optional for additional grade:*

Save to a csv file (US2010Census.csv) the result with the following columns:

* 1. State
  2. Total Cities
  3. Total 2010 Population

Submit the Python code (.py) or Jupyter Notebook. If you solve the optional requirement also submit the generated US2010Census.csv files.