File Handling

1. Write a Python script to print the following status of a file:
    a. Whether a file is read only
    b. Whether a file is closed or not
    c. Which file opening mode is used
    d. Name of the file
2. Write a Python script to create a new file 'myfile.txt' and store user entered text.
3. Write a Python script to read the above created file 'myfile.txt' and display content on the console.
4. Write a Python script to store a list of city names in a file 'cities.txt'
5. Write a Python script to append list of city names in a file 'cities.txt'
6. Write a Python script to search whether a particular city is there in the file 'cities.txt' or not
7. Write a Python script to count the number of Python keywords occurring in a python source file.
8. Write a Python script to create a copy of a file.
9. Write a Python script to store book data in a file. Book data is in the form of a dictionary in which book name is the key and price is its value. Use pickle to store data into a file (say bookfile)
10. Write a Python script to extract book data from a bookfile using pickle. Also print extracted book data.