CSCE 156 – Lab: Strings & File I/O

Worksheet

Name _____

Finish the following activities, submit all codes and screenshots whenever necessary to web-handin for grading.

1. Complete **Activity 5.1**.

2. Complete **Activity 5.2.** Answer the following questions.
    a. How many times does the subsequence "tag" appear?

    b. How many times does the subsequence "uga" appear?

    c. How many times does the subsequence "taa" appear?

    d. How many times does the subsequence "aaat" appear?

    e. How many times does the subsequence "gt" appear?

    f. How many times does the subsequence "agt" appear?

    g. How many times does the subsequence `gatacatatgcagtgggattttcggagacaatccacgccctaat` appear?

3. Complete **Activity 5.3** and demonstrate a working version to a lab instructor. Answer the following:
    a. Who had the best National League winning record in 2011 and what was their win percentage?

    b. Who had the worst National League winning record in 2011 and what was their win percentage?