

- 1) Yes, my program compiles correctly.
- 2) Yes, my program runs correctly as it matches the sample output provided.
- 3) I believe that all my code is working correctly.
- 4) A part of the code I believe to be inefficient is the main for-loop which terminates too quickly. By this, I mean that the “printCraziest” and “printSplit” methods must be called one time outside the for-loop to display the results for the last company. Additionally, I initialized the first company outside of the main for-loop. While I do not see these as major issues, they could be better optimized to fit inside the for-loop.

In terms of time/space complexity, I feel that this program is efficient. It iterates through the list of companies once, giving a run-time of $O(n)$. Additionally, it does not use a lot of extra space as there is only one copy of the craziest days/splits lists which are cleared each time the scanner comes across a new company within the text file.

- 5) I spent roughly 2.75 hours on this assignment.
- 6)

Grading Criteria	Points Possible	Expected Score
Correct output	14	14
Good design and style	2	1.5
Complete write up	2	2
Correct output format	1	1
Correct filename format	1	1