

PROBLEM 1 (COMPRESSION RATE) *What is the compression rate of this binary format for large.txt? I.e. What is (file size of large.bin) / (file size of large.txt)? Hint: You may use `du <file>` on the terminal to find the size of a file in bytes.*

PROBLEM 2 (BINARY VS PLAIN TEXT) *What are the pros and cons of storing information in a binary format compared to plain text?*

PROBLEM 3 *How many hours did you spend for this assignment?*

PROBLEM 4 *Document your collaboration here.*