

Assignment Questions:

Assignment 1-4

Problem Statement - Determine the operating system you are on and print the PATH variable from the operating system.

Question - What is the PATH variable?

Assignment 2-4

Problem Statement - Append to a file and read it back asynchronously

Question - What does async code do?

Assignment 3-4

Problem Statement - Compress some data using GZIP or ZLIB and write it to a file, then decompress it and print it on the screen.

Question - What is compression?

Assignment 4-6

Problem Statement - Use Salsa20 to encrypt a string, then use SHA-256 to compare the plain text to the encrypted text.

Question - How is encryption different than encoding?

Assignment 5-6

Problem Statement - Download a web page using HTTP Get and display the length.

Question - Which is faster, TCP or UDP?

Assignment 6-6

Problem Statement - Use SQLJocky to add rows to a table

Question - Where does SqlJocky not work?