logitech

Innovation team: technical test

Purpose

We will use the results of this assignment to gauge your ability to organise and deliver a technical solution.

We're looking for code that is clean, readable, performant, and maintainable.

Requirements

Write an application which can parse the **logi.bin** file and extract all the messages including their sequence number. Please focus on presenting this data clearly and effectively.

Data

The attached binary file, **logi.bin** contains *n* messages. There are no incomplete messages. Each message has the following packet structure:

PAYLOAD_HEADER (4 BYTES LE)	SEQUENCE_NUMBER (4 BYTES LE)	MESSAGE (STRING)

- The first 4 bytes represent the payload header as an **Int32** (little endian) and its value denotes the size of the message.
- The next 4 bytes represent the message sequence number. Again this is an **Int32** (little endian)
- The next *n* bytes represent the massage itself. The message is a **string** and its size is defined in the aforementioned payload header.

Deliverables

- Any programming language. Please use the tools you're comfortable with.
- Presented in a git repository.
- Ensure the solution is well organized with relevant supporting documentation.
- Please use your creativity, along with your technical skills to solve the problem and show your work.