Exercise

We're going to build an audio editor for editing wave (.wav) files. We're planning to ship this application with a bunch of standard filters that users can apply on their audio files, such as:

- Noise reduction
- Reverb
- Normalize

We want other developers to be able to create new filters in the form of plugins that can be imported into our application.

Look at **visitor/WavFile** class.

- What are the problems with this implementation?
- Can the visitor pattern solve these problems? Why?
- Refactor the code and apply the visitor pattern.