**Problem to Solve:**

- Solving JSON file type, with reusable and extensible code

**Patterns Used:**

- **Strategy Pattern** is used for FileHandler, each format type will have its own Concrete FileHandler Implementation using reusable Converter which has main logic
- Factory Pattern is used to pick the right FileHandler based on file extension.

**Consequences:**

- Code is Highly re-usable as ConverterService logic is Separated and can used by all ConcreteFileHandlers
- Can be easily extensible to handle different file format as only need to create a concrete implementation is to write logic for read and write data for that specific file format