**Creativity**

Python is a popular language for implementing parsers, due to its ease of use and the availability of many useful libraries, such as Lark, Ply, and PyParsing. In this project, I had the opportunity to create a parser for SQL using Python, and then apply the resulting parse tree to perform useful operations on the code.

**Interesting things that I encountered during implementation.**

The project encourages creativity in areas such as choice of parsed language, parser functionality, and application of the parse tree.

I have created an interpreter that can execute SQL statements on an “in-memory database”.

The resulting parse tree can then be utilized for various operations on the code.

The interpreter was designed to execute SQL queries on an “in-memory database”. This project was developed using the Agile methodology, which emphasizes iterative development, collaboration, and continuous feedback.