The project build a rule based expert system, which is translated from Common Lisp in  [Paradigms of Artificial Intelligence Programming](https://github.com/norvig/paip-lisp), Chapter 16 , file mycin.lisp, into python. Run the code as python emycin.py. The code used the backward chaining strategy mentioned in chapter 16 to help people without the domain knowledge to get conclusion for a certain query. With the interaction between users and client, the code provide interface for users to ask why the decision was made in the emycin class’s ask\_vals and print\_why function. Ask\_val function enable user to provide input asking for different functionalities of the system, and when users types why to standard input, the algorithm would call print why to give the reason about why this result has been made.

Bibliography

Peter Norvig, “[Paradigms of Artificial Intelligence Programming](https://github.com/norvig/paip-lisp): Case Studies in Common Lisp”. Chapter 16.