In the year 1960, Stanford professor John McCarthy published a paper titled *Recursive Functions of Symbolic Expressions and Their Computation by Machine, Part I.*In this paper he described how a language could be Turing-complete with only a notation for defining functions and a few basic operations. The language McCarthy defined in this paper was later implemented and named LISP. Today, there are many dialects of LISP that are widely used in the field of artificial intelligence. In this project, I will implement my own version of LISP language: goLisp(name of your language??). Until now, I have completed the arithmetic operations on numbers, if-condition, function and recursion. String manipulation will be the next step. During this process, I gained a better understanding of programming languages and more appreciation of the simplicity of LISP. I found that writing the language just like handling a challenging project, given a good planning, sense of curiosity and continuous efforts, anyone with experience of writing code could do the same thing I had done. The other significance of this project is that implementing a programming language helps me learn many different programming languages more easily.