Week 2 Assignment 2

1. Define LISP.

2. Explain the basic components of LISP.

3. Discuss the advantages and disadvantages of LISP.

4. Write a simple LISP program that performs a basic task.

5. Discuss the role of LISP in artificial intelligence.

6. Explain the concept of functional programming.

7. Discuss the history and evolution of LISP.

8. Analyze the impact of LISP on modern programming languages.

9. Compare LISP with other programming languages.

10. Discuss the current use of LISP in industry and research.

11. Write a short reflection on what you have learned about LISP.

Bonus:

Write a simple LISP program that generates the Fibonacci sequence.

Due on [Date]