List of topics for consideration. Definitions, explanations and applications.

Chapter 2
- Language, String, Alphabet
- Infinite vs. Finite
- $\varepsilon$ VS. $\emptyset$
- Concatenation, Repetition, Reverse
- Substring, Prefix, Suffix, Proper
- Kleene Star * vs. + operator
- Lexicographic Order
- Closure

Chapter 3
- Generator vs. Recognizer
  - Encoding
- Decision Problem
- Decidable

Chapter 5
- Deterministic Finite State Machine (DFSM) – formal definition
- Complete vs. Incomplete
- States: Rejecting, Accepting, Trap
- Regular Language

Consider Problems at end of Chapters

$\emptyset$ $\varepsilon$