**Reference book: John C Martin**

**Chapter 3: Regular language and finite automata**

Definition 3.1 Regular languages and regular expression over **Σ**

Definition of DFA,

Definition 3.3 extended transition function δ\*,

Exercise no: 3.1, 3.2, 3.3, 3.4, 3.5,

3.9, 3.11, 3.15,

3.18, 3.20, 3.33 and example 3.18