

Week 1 and 2:

Algorithms- an Overview:

- Introduction to algorithms
- Role of Algorithms in Computing
- Fundamentals of Algorithmic Problem Solving

Fundamentals of Analysis of Algorithms Efficiency

- Analysis Framework
- Measuring an Input Size
- Unit of Measuring Runtime

Cormen:

Chapter no 1 (1.1 and 1.2)

Assignment Questions: 1.2-2, 1.2-3, 1-1

A. Leviton:

Chapter no 1 (1.1 and 1.2) Reading 1.3 and 1.4 (for your interest)

Chapter no 2 (2.1 till pg 45)