

**Sorting in linear time**

- (a) Counting sort
- (b) Radix sort
- (c) Bucket sort

**Hash Tables**

- (a) Direct-address tables
- (b) Hash tables
  - Chaining
  - Open addressing
    - i. Linear probing
    - ii. Quadratic probing
    - iii. Double hashing

**Programming in Python**

- (a) Ch.1 Variables, expression and statements.
- (b) Ch.3 Functions.
- (c) Ch.4 Conditional and recursion.