Max heap =parent should have high value

Types of tress:

Spanning tree

Sparse tree

Binary tree

Complete binary tree

AVL tree

Red black tree

Lemma tree

B trees

B+ trees

B- trees

Binary search tree

Internal part length, external path length

Types of sort:

Merge sort

Quick sort

Insertion sort

Selection sort

Bubble sort

Heap sort

Quick sort

Radix sort

Internal sorting

External sorting

Graphs:

Breadth first search of graph

Types of data structures:

Queue

Stack

Linked list

Tree

Graph

Heap

Matrix

Hash table

List

Record

Plex

Operations:

Postfix

Prefix

Traversal

Recursion

Traversal techniques

Pre order

Post order

In order

Searching:

Breadth first search

Depth first search

Memories:

Auxiliary memory

Algorithm design techniques:

Dynamic programming

Backtracking

Greedy method

Divide and Conquer

Post fix expression

Prefix expression

Infix expression

In-order successor

Pre-order predecor