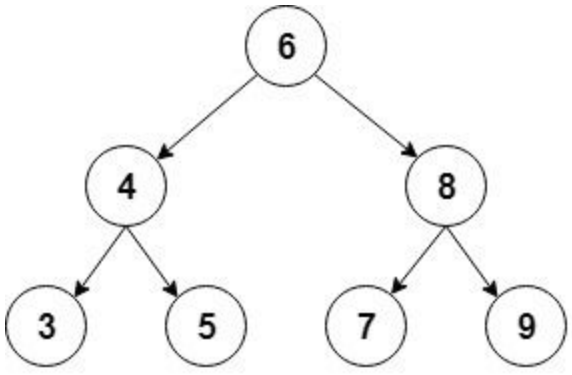
Java Program

1. Data Structures
    a. Stack - LIFO
        i. Simple stack with array implementation
        ii. Dynamic stack
        iii. Stack with Generics
        iv. Word Reverse using Stack
        v. Decimal to binary using Stack
        vi. Delimiter Matcher using Stack
        vii. Towers of Hanoi using Stack
    b. Queue - FIFO
        i. Simple queue with array implementation
        ii. Dynamic queue
        iii. Double-ended queue
        iv. Double-ended queue with doubly linked list
    c. Collections
        i. Array to collection
        ii. Compare elements
        iii. Collection to array
        iv. Print collection - tree example
        v. Read-only collections
        vi. Remove specific element - CollectionTest
        vii. Collection reverse
        viii. Shuffle collection
        ix. Collection size
        x. HashMap iteration
        xi. Different types of collections
        xii. Hashtable enumeration
        xiii. Hashtable keys
        xiv. List Min and Max
2. Generics
    a. Old generics
    b. Generics new
    c. Method
    d. Bounded Type Parameter
    e. Type

    f. Interface
    g. Class
    h. Wildcard
3. Class/Objects
    a. Objects
    b. Attributes
    c. Methods
        i. Best practices
    d. Constructors
4. Encapsulation
    a. Packages
5. Inheritance
6. Polymorphism
7. Sorting
    a. Bubble sort
    b. Insertion sort
    c. Selection sort
    d. Quick sort
    e. Merge sort
8. Searching
    a. Binary search
    b. Sequential search
9. Tree Data Structure



    a.
    b. Depth-First Search
    c. Breadth-First Search
    d.
10. Next