

1. Which data structure uses FIFO (First In First Out)?

- A. Stack
- B. Queue
- C. Tree
- D. Graph

2. Which of the following is used to implement recursion?

- A. Queue
- B. Array
- C. Stack
- D. Linked List

3. Which data structure is best for searching and sorting?

- A. Array
- B. Linked List
- C. Hash Table
- D. Stack

4. Which data structure is non-linear?

- A. Stack
- B. Queue
- C. Tree
- D. Array

5. What is the time complexity of binary search?

- A. $O(n)$
- B. $O(n^2)$
- C. $O(\log n)$
- D. $O(1)$