

1. Which of the following is not a type of data structure?
  - A. Array
  - B. Linked List
  - C. Tree
  - D. Map
2. Which of the following is not a reason to use a data structure?
  - A. To store data in an efficient way
  - B. To sort data
  - C. To perform operations on data
  - D. To make code more readable
3. Which of the following is not a type of sorting algorithm?
  - A. Selection Sort
  - B. Bubble Sort
  - C. Insertion Sort
  - D. Linear Search
4. Which of the following is not a time complexity of a sorting algorithm?
  - A.  $O(n)$
  - B.  $O(n \log n)$
  - C.  $O(n^2)$
  - D.  $O(1)$
5. Which of the following is not a space complexity of a sorting algorithm?
  - A.  $O(n)$
  - B.  $O(n \log n)$
  - C.  $O(n^2)$
  - D.  $O(1)$
6. Which of the following is not a type of tree?
  - A. Binary Tree
  - B. Heap
  - C. Trie

D. Stack

7. Which of the following is not a property of a binary tree?

A. Every node has at most two children

B. Every node has at least two children

C. The left child is always less than the right child

D. The right child is always less than the left child

8. Which of the following is not a type of traversal?

A. Preorder

B. Inorder

C. Postorder

D. Depth-first

9. Which of the following is not a type of graph?

A. Directed

B. Undirected

C. Weighted

D. Unweighted

10. Which of the following is not a property of a map?

A. Maps store key-value pairs

B. Maps are unordered

C. Maps are mutable

D. Maps do not allow duplicate keys

1. D

2. D

3. D

4. D

5. D

6. D

7. B

8. D

9. D

10. D