

Review Questions 05

Topic: Linked-Lists

1. The reference to the next node in a Single Linked List (SLL) is referred to as a _____.
2. True or False: The **length** of a linked list is its number of **links**._____
3. True or False: The **length** of a linked list is its number of **nodes**._____
4. Given some predetermined sequential order, visiting all the nodes / several contiguous nodes of a SLL is called a _____ of the SLL.
5. Explain why the array-based binary search algorithm is unsuitable for linked lists?
6. Analyse the time complexity of Algorithm 4.23 on Page 87 in the textbook.