**Linear Search:**

Linear search is a simple search algorithm that checks each element of a list one by one until it finds the desired element. It has a time complexity of O(n), where n is the number of elements in the list.

**Binary Search:**

Binary search is a more efficient search algorithm that works by dividing the list in half and searching for the desired element in one of the two halves. It has a time complexity of O(log n), where n is the number of elements in the list. However, binary search requires the list to be sorted in ascending or descending order.