recursive calls?

Question: What is the time complexity of the function that finds the maximum value in an array by
iterating over the array once?
A) O(n log n)
B) O(n)
C) O(log n)
D) O(1)
Correct Answer: B) O(n)
2
Question: What is the time complexity of the binary search algorithm in a sorted array?
A) O(n)
B) O(n log n)
C) O(log n)
D) O(n^2)
Correct Answer: C) O(log n)
3
Question: What is the time complexity of the merge sort algorithm?
A) O(n)
B) O(n log n)
C) O(log n)
D) O(n^2)
Correct Answer: B) O(n log n)
4
Question: What is the time complexity of the function that calculates the nth Fibonacci number using

