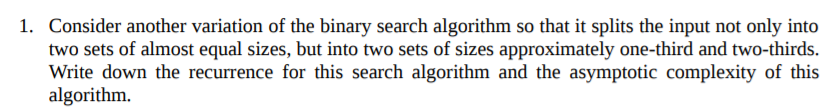
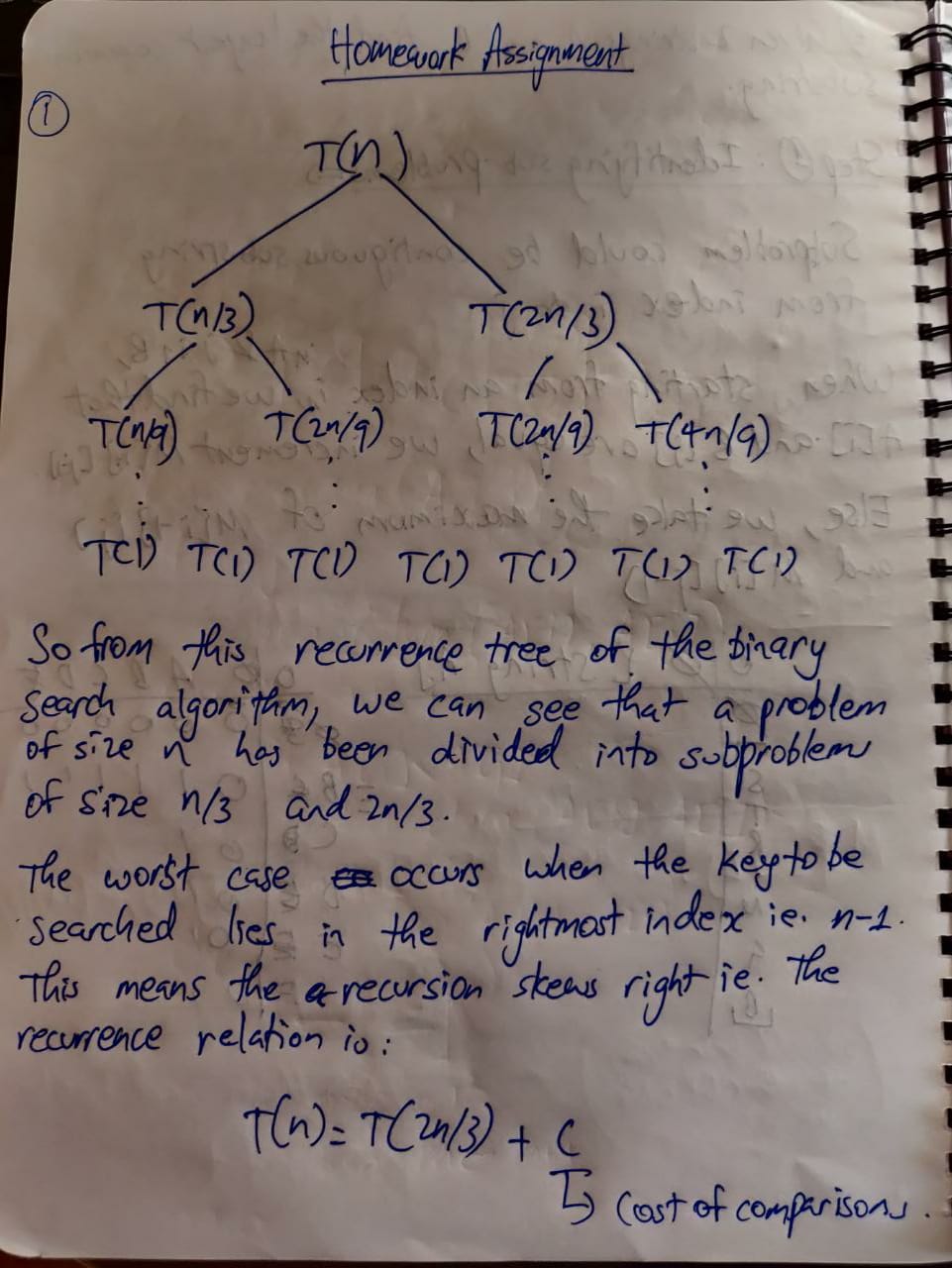
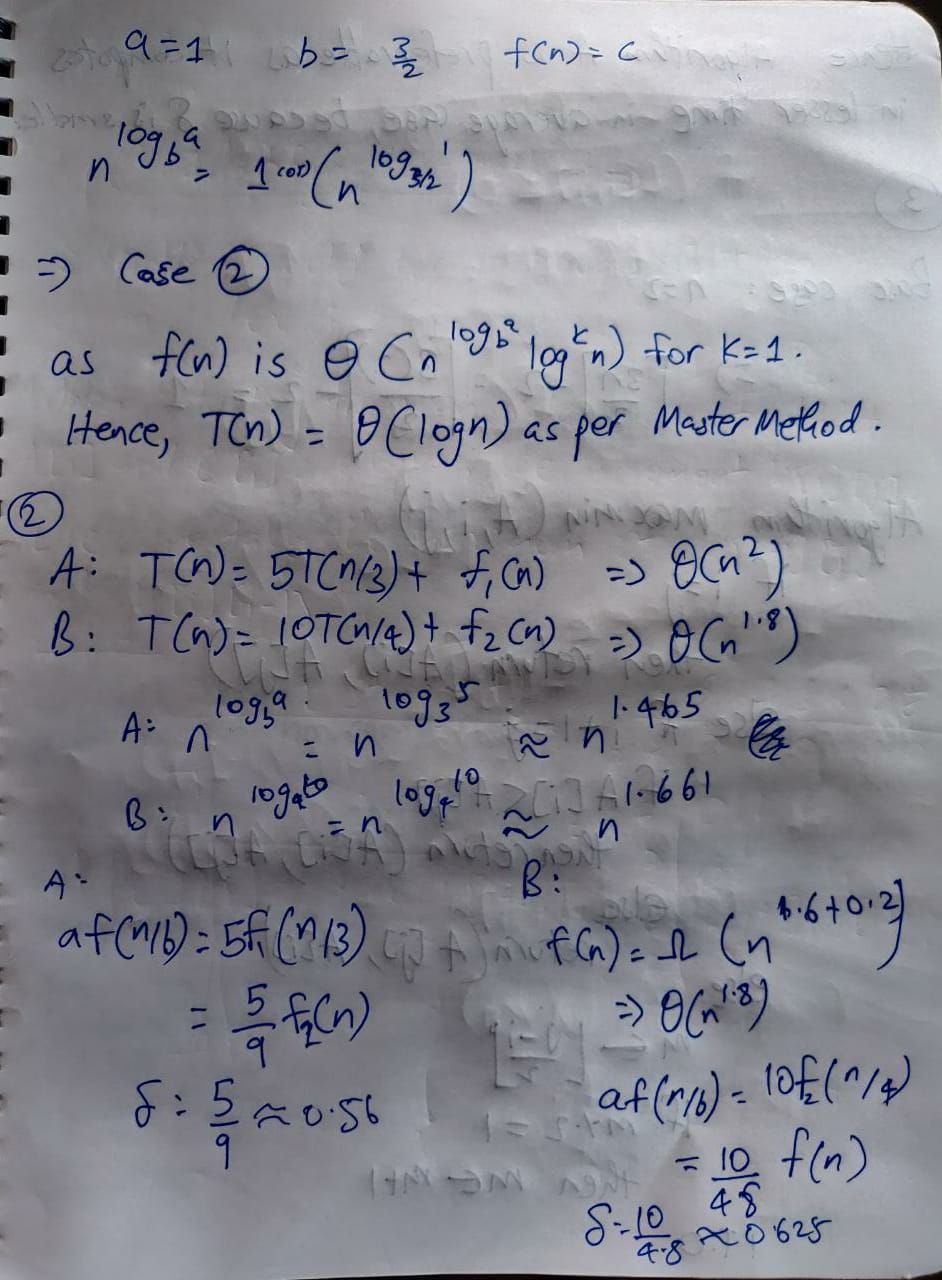
**Design and Analysis of Algorithms Assignment**

**Question 1:**

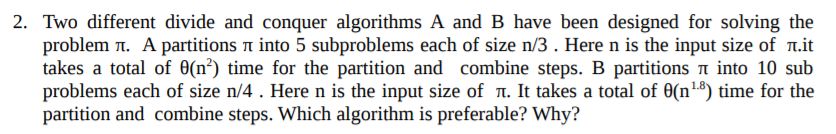


**Answer to Question 1:**

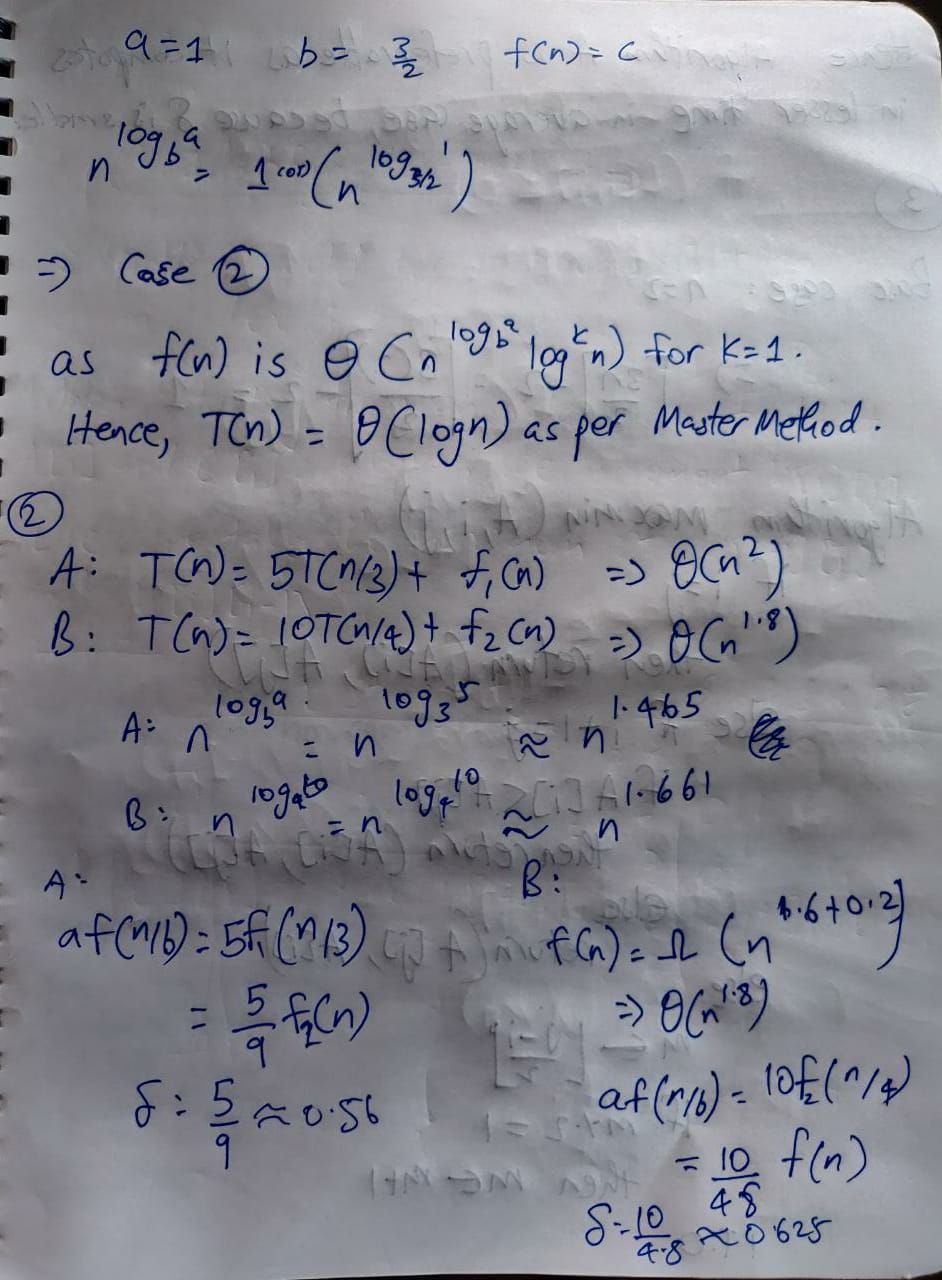
PTO

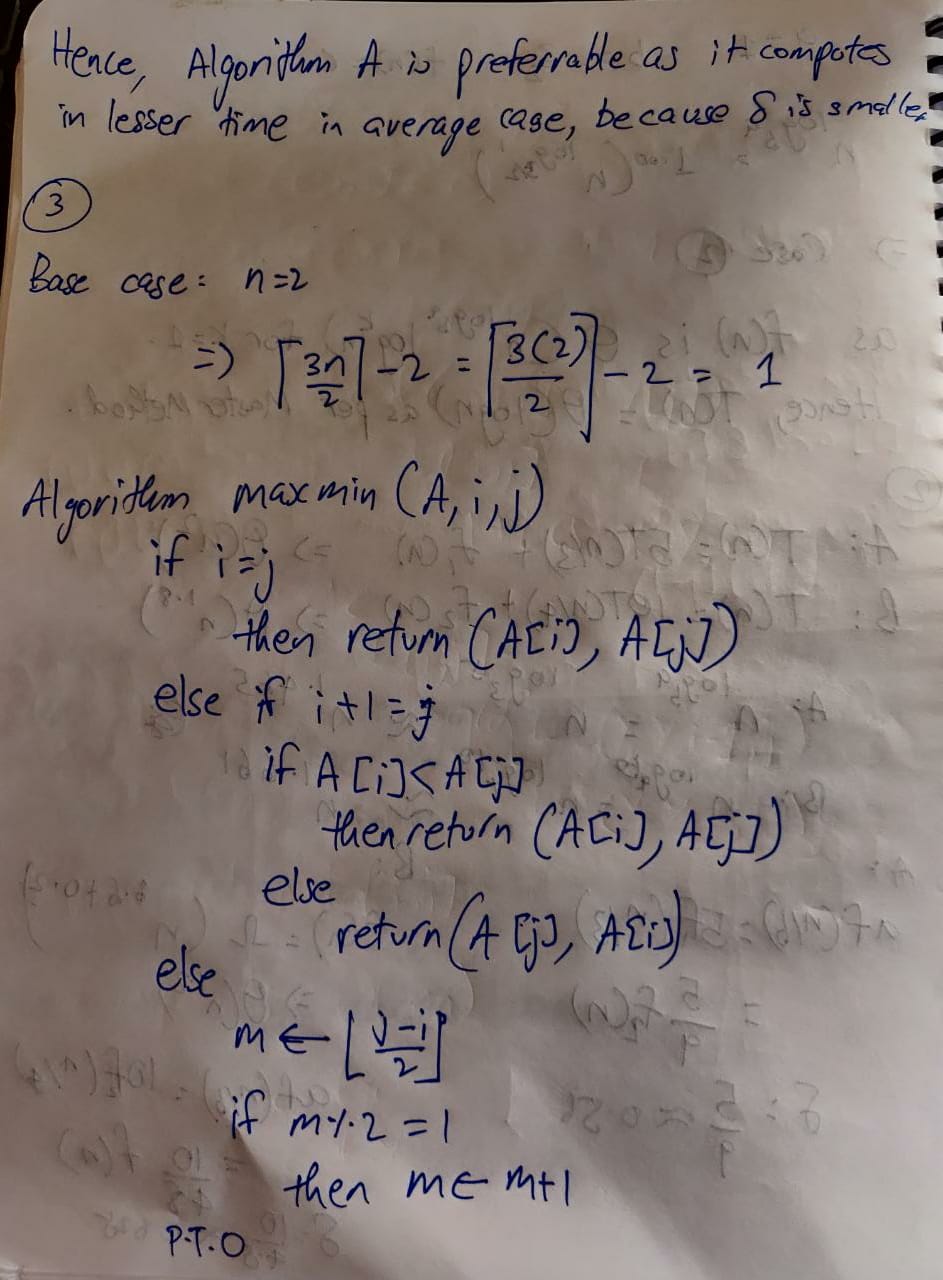


**Question 2:**



**Answer to Question 2:**

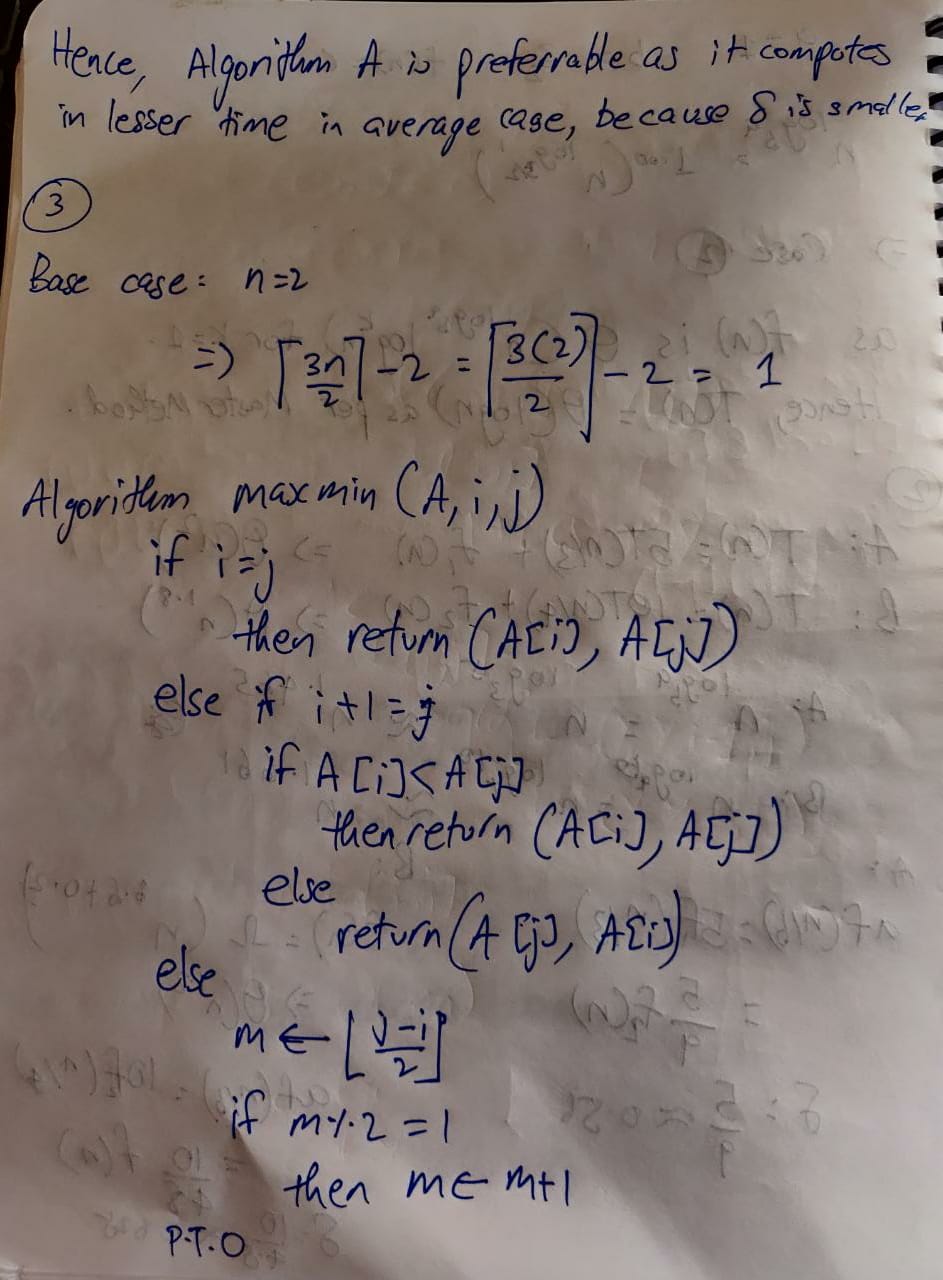




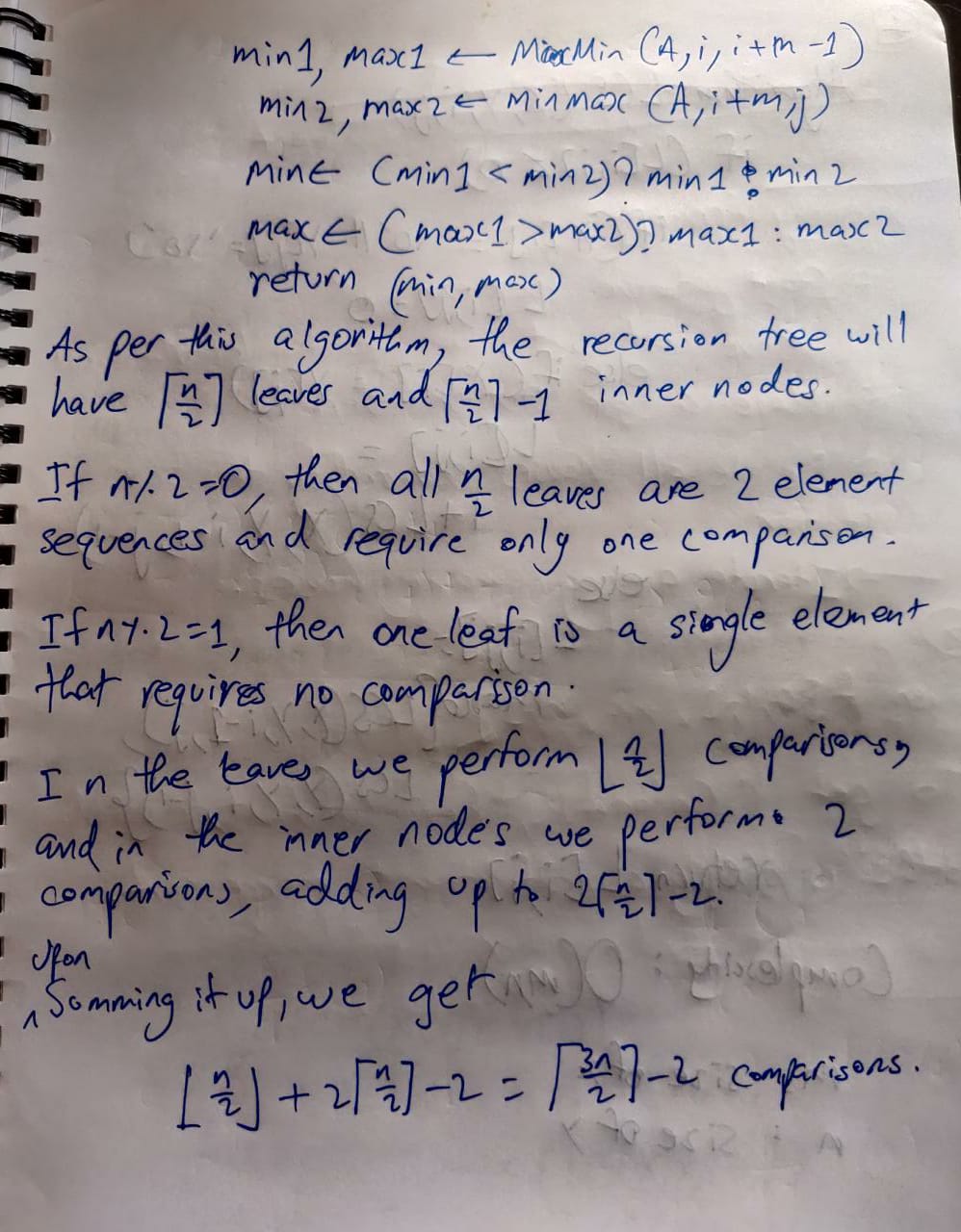
**Question 3:**



**Answer to Question 3:**



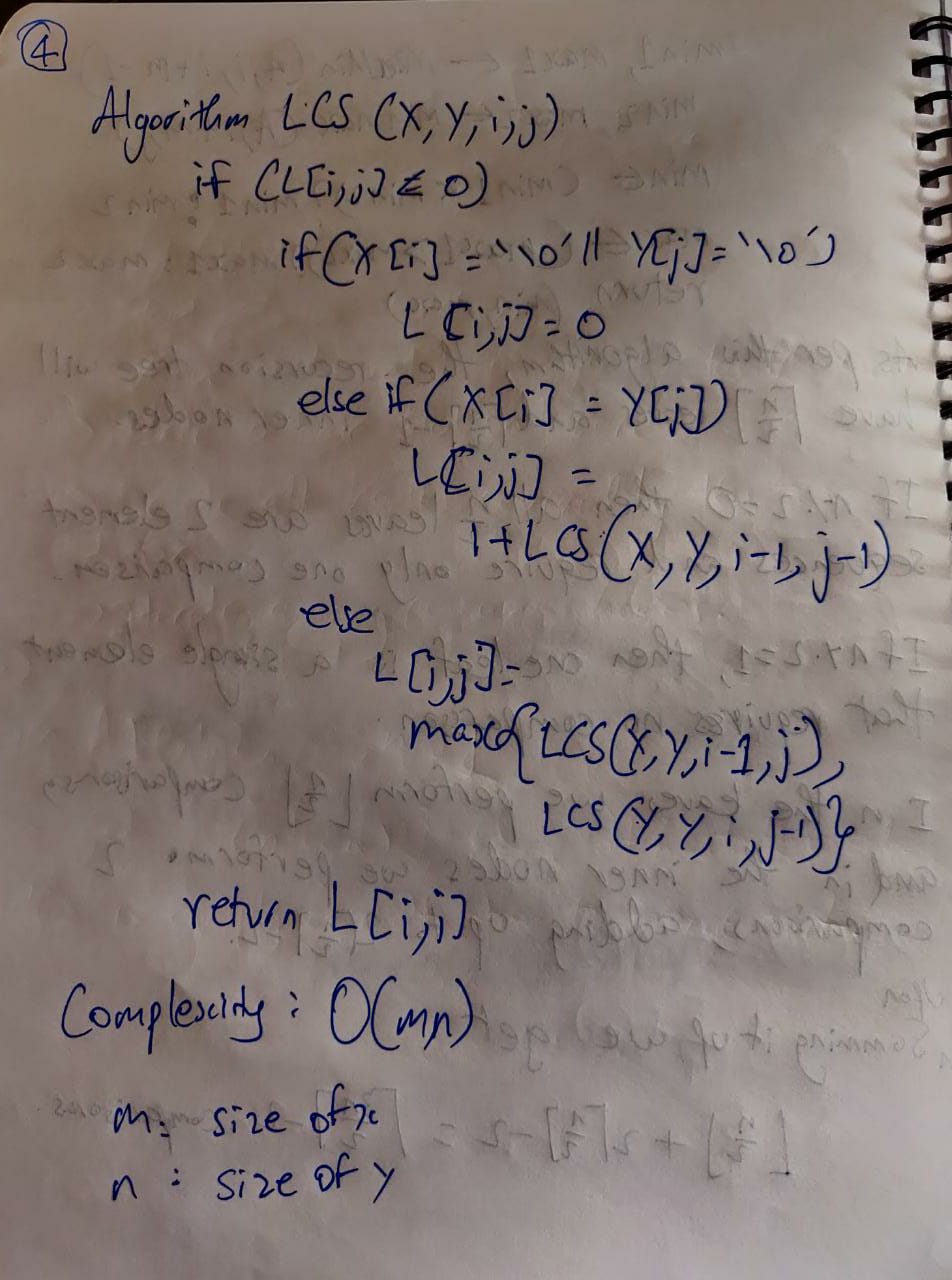
PTO



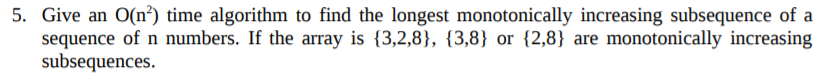
**Question 4:**



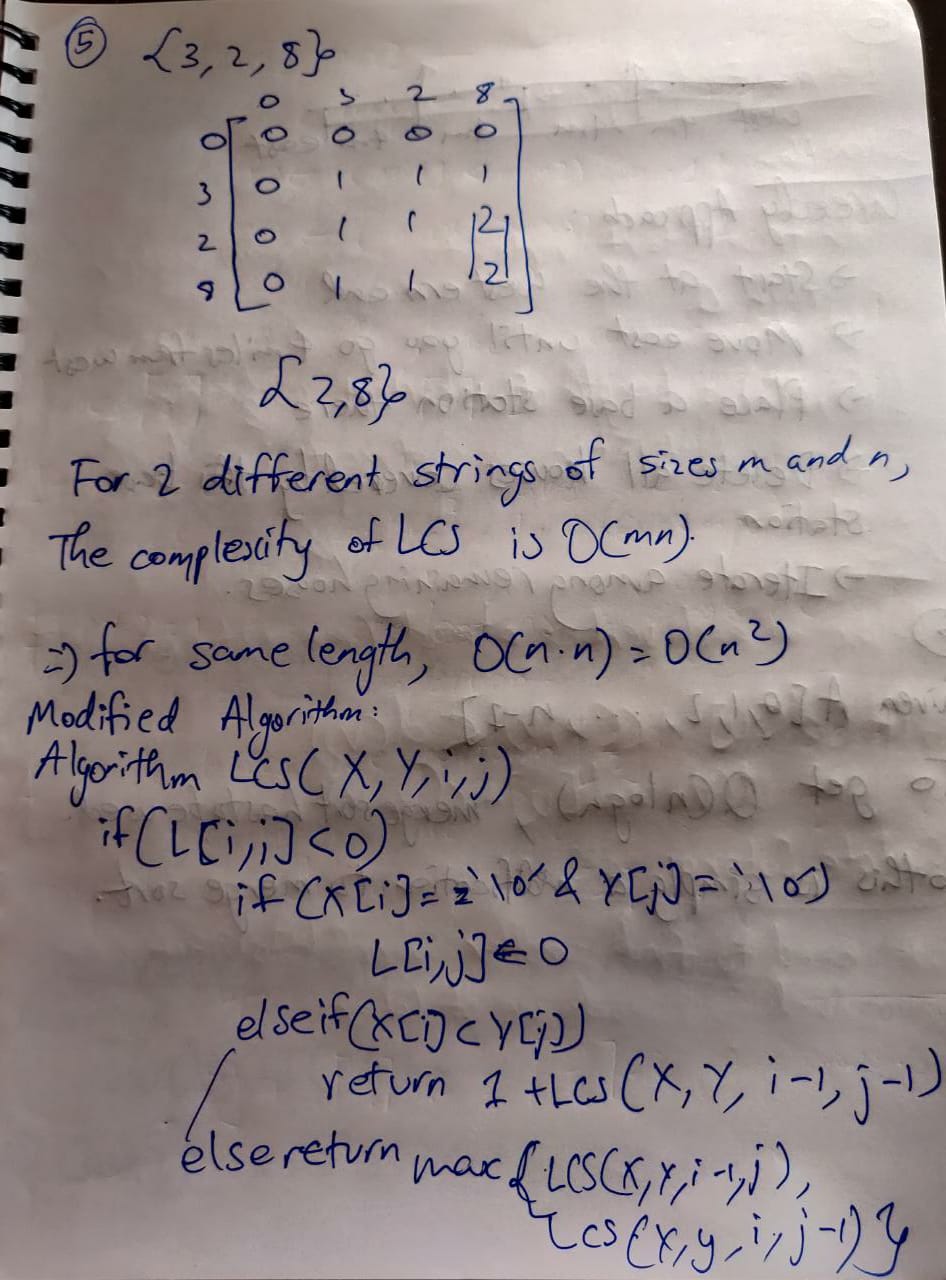
**Answer to Question 4:**



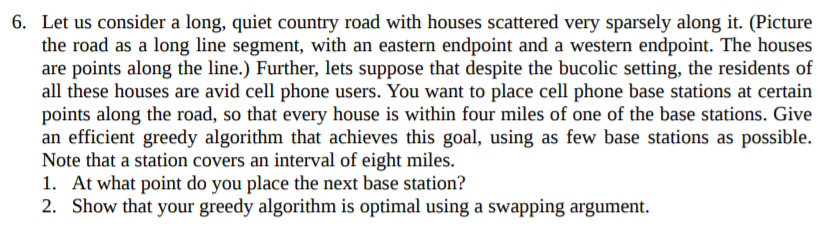
**Question 5:**



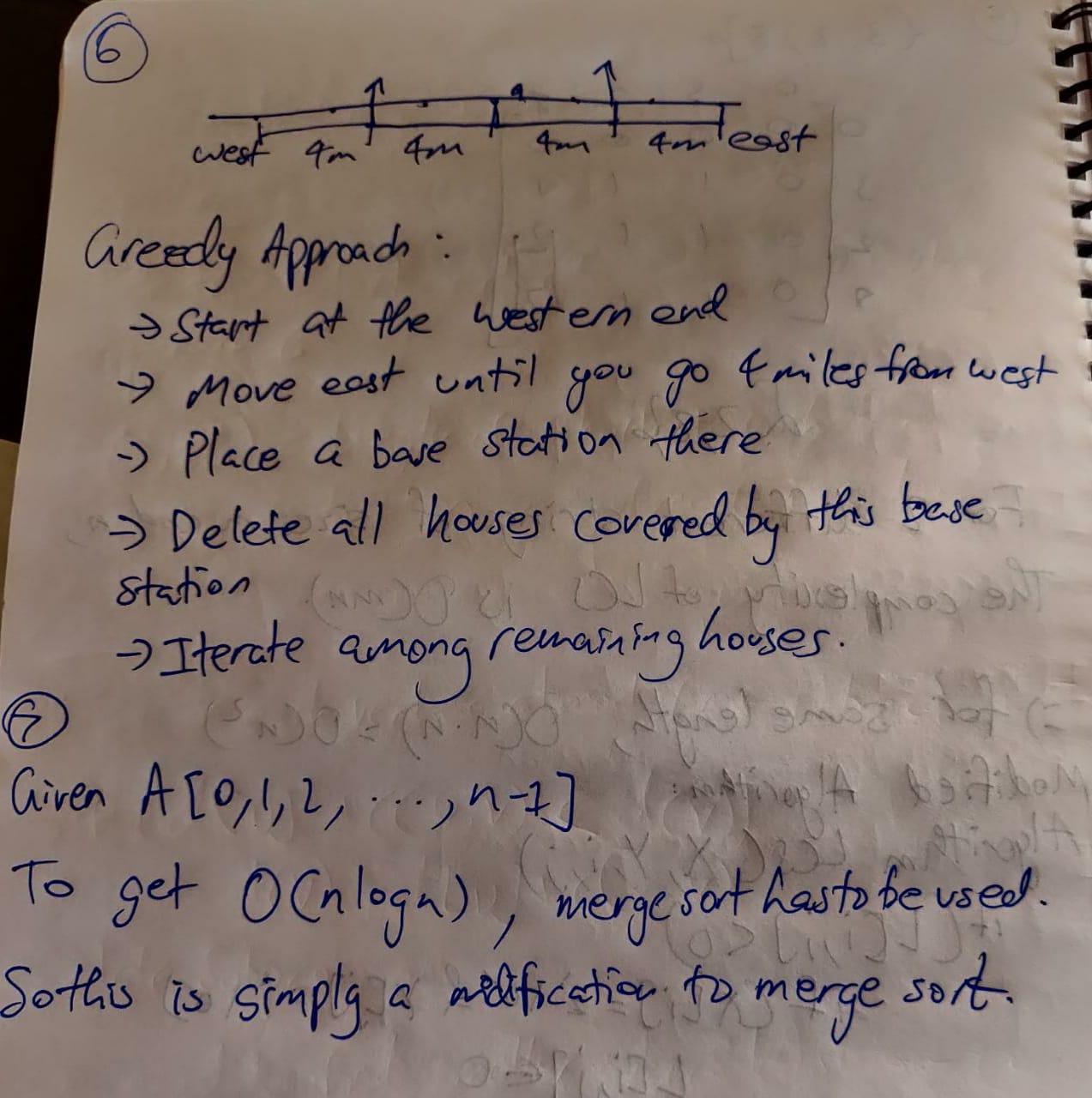
**Answer to Question 5:**



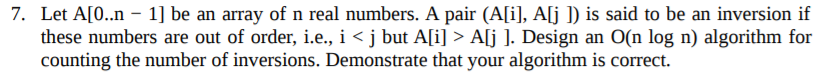
**Question 6:**



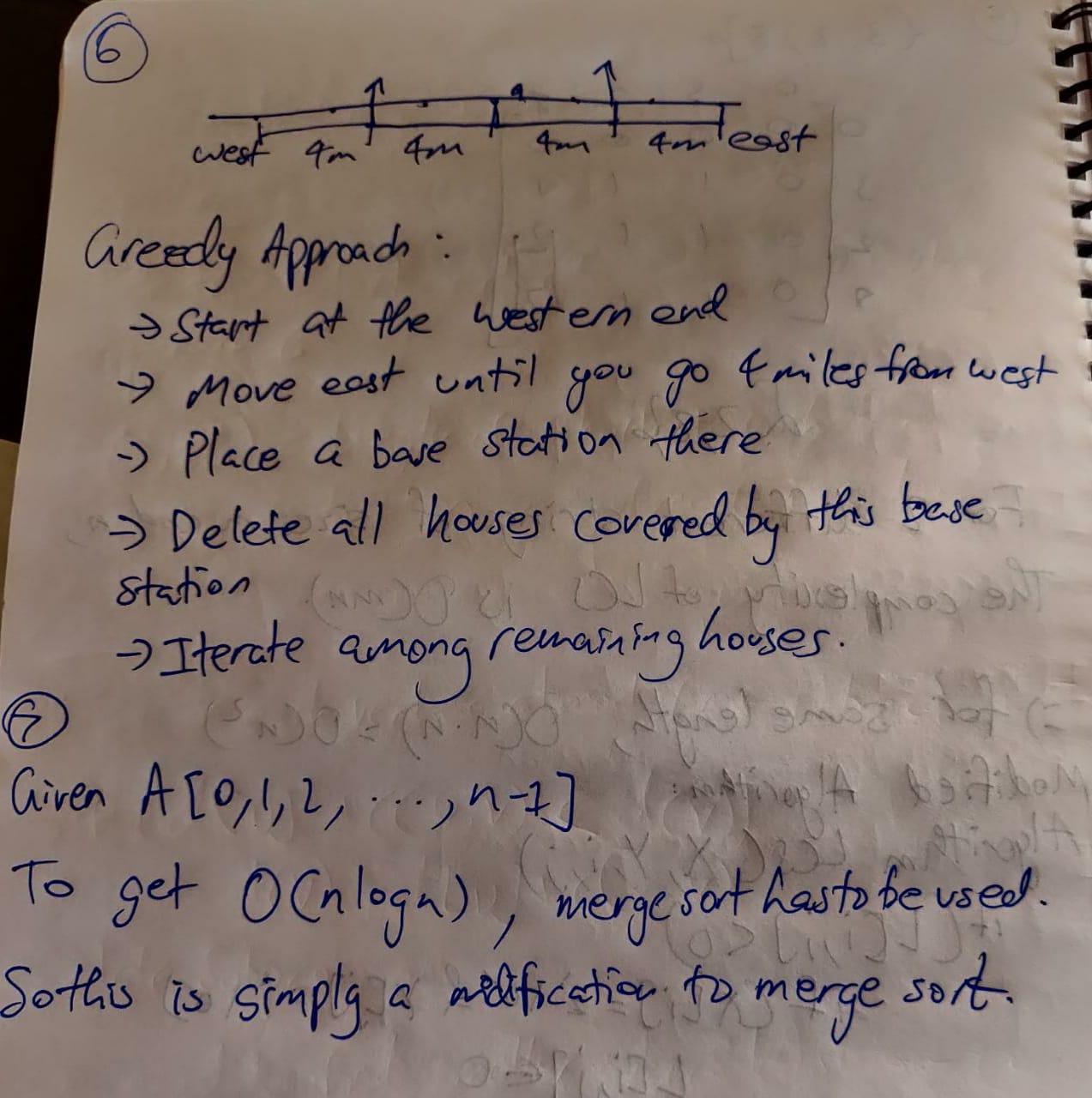
**Answer to Question 6:**

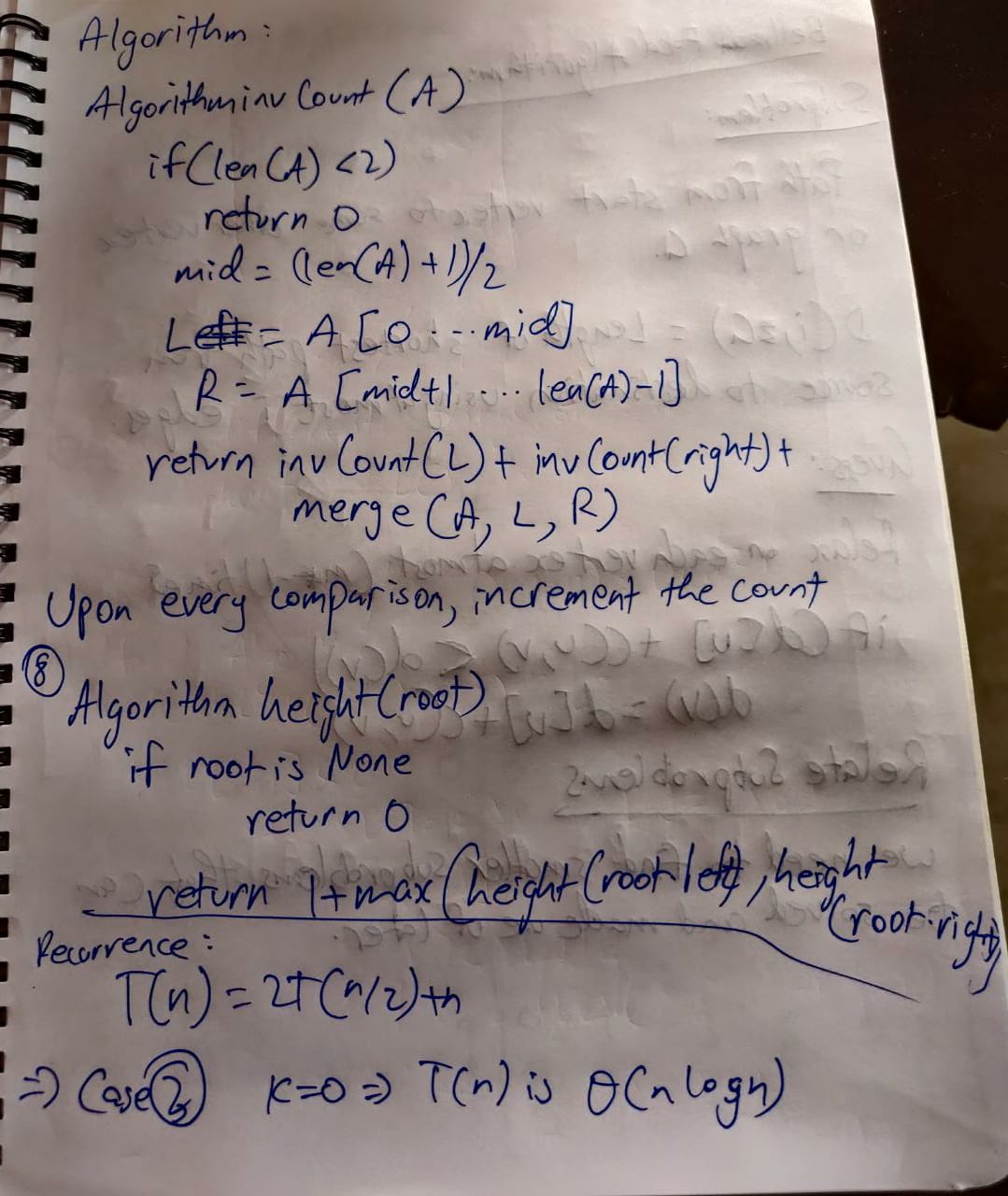


**Question 7:**

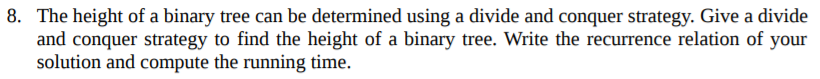


**Answer to Question 7:**

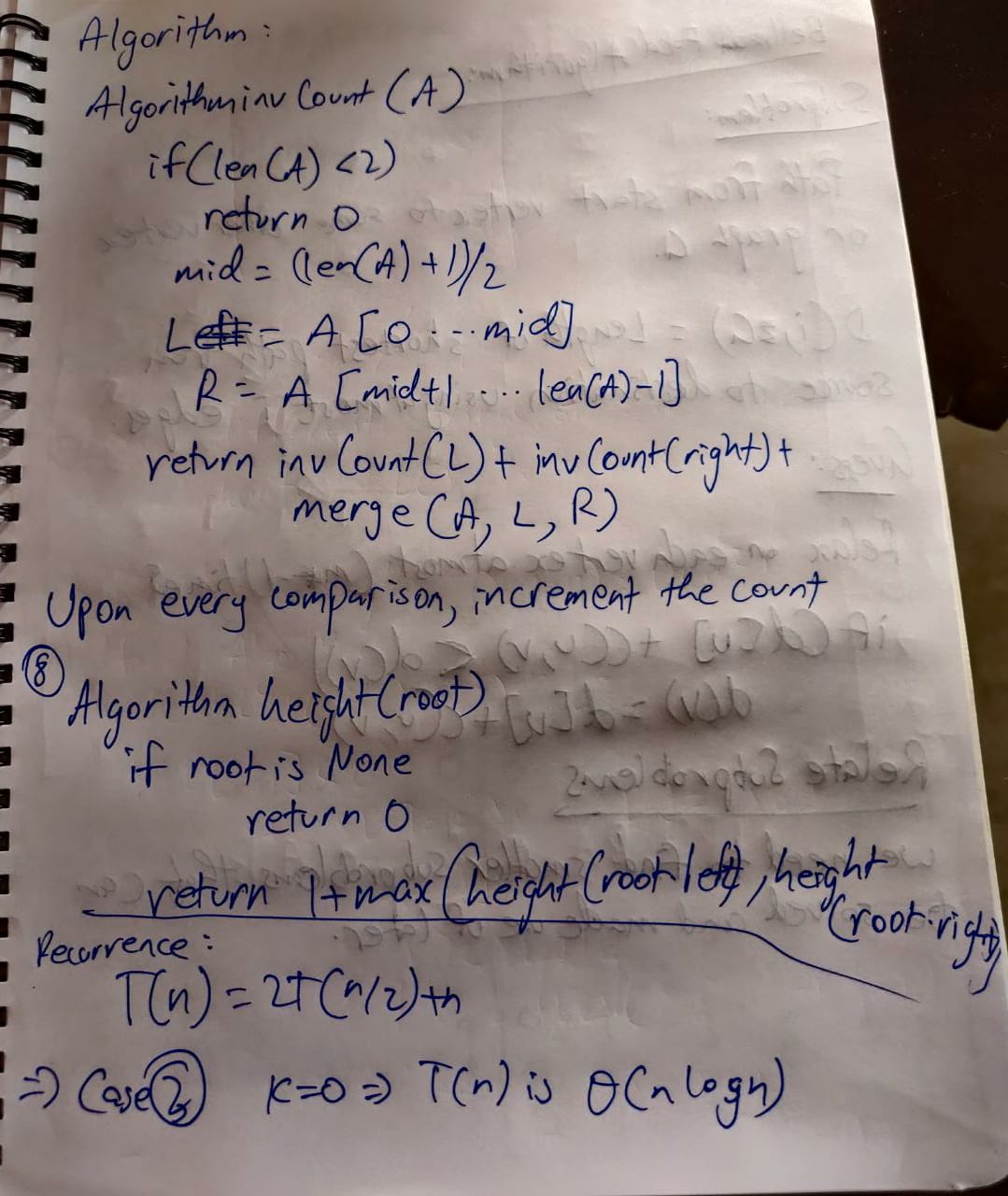




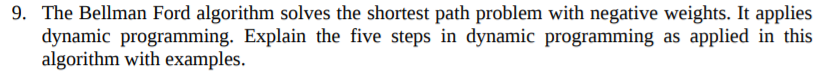
**Question 8:**



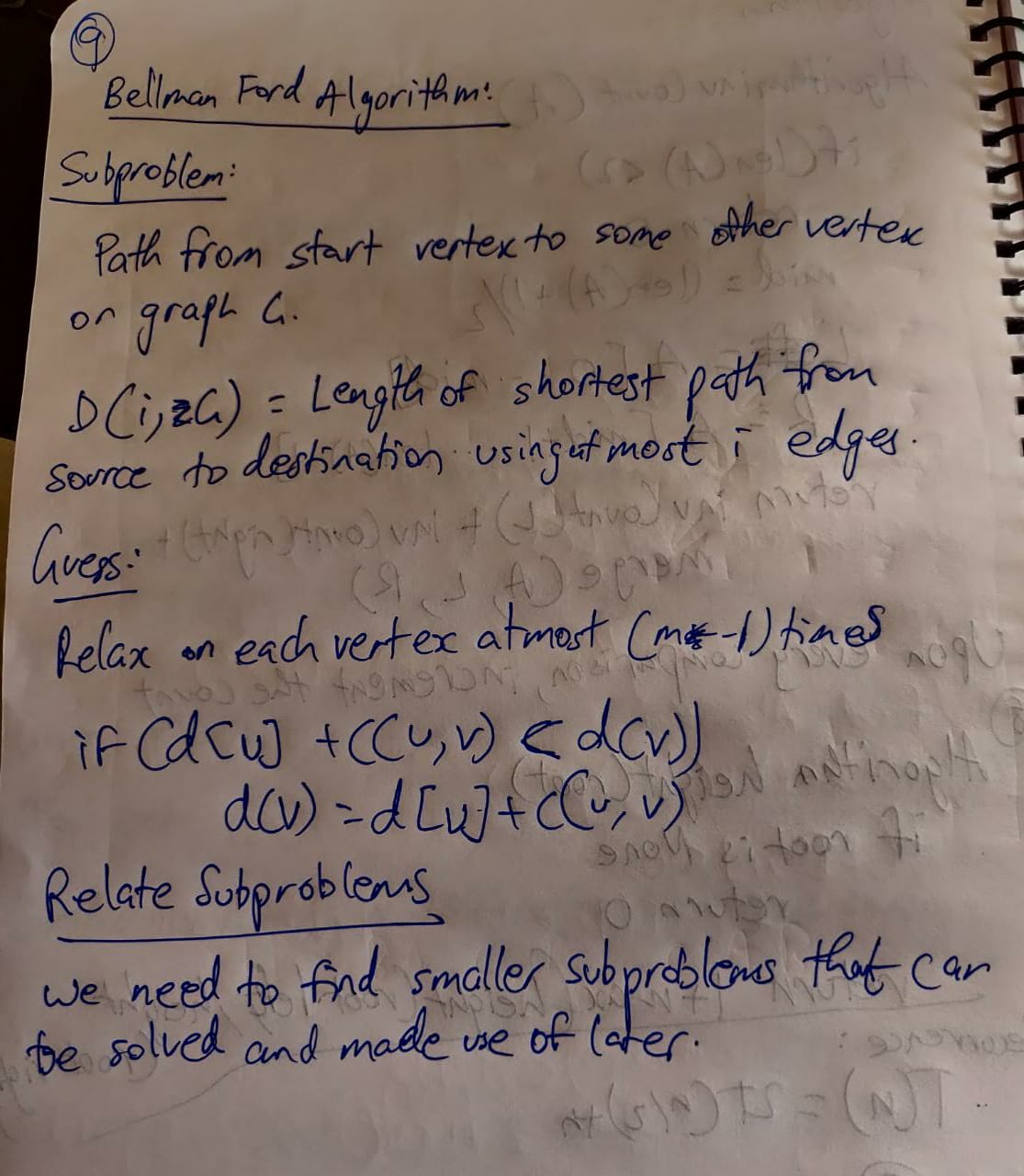
**Answer to Question 8:**

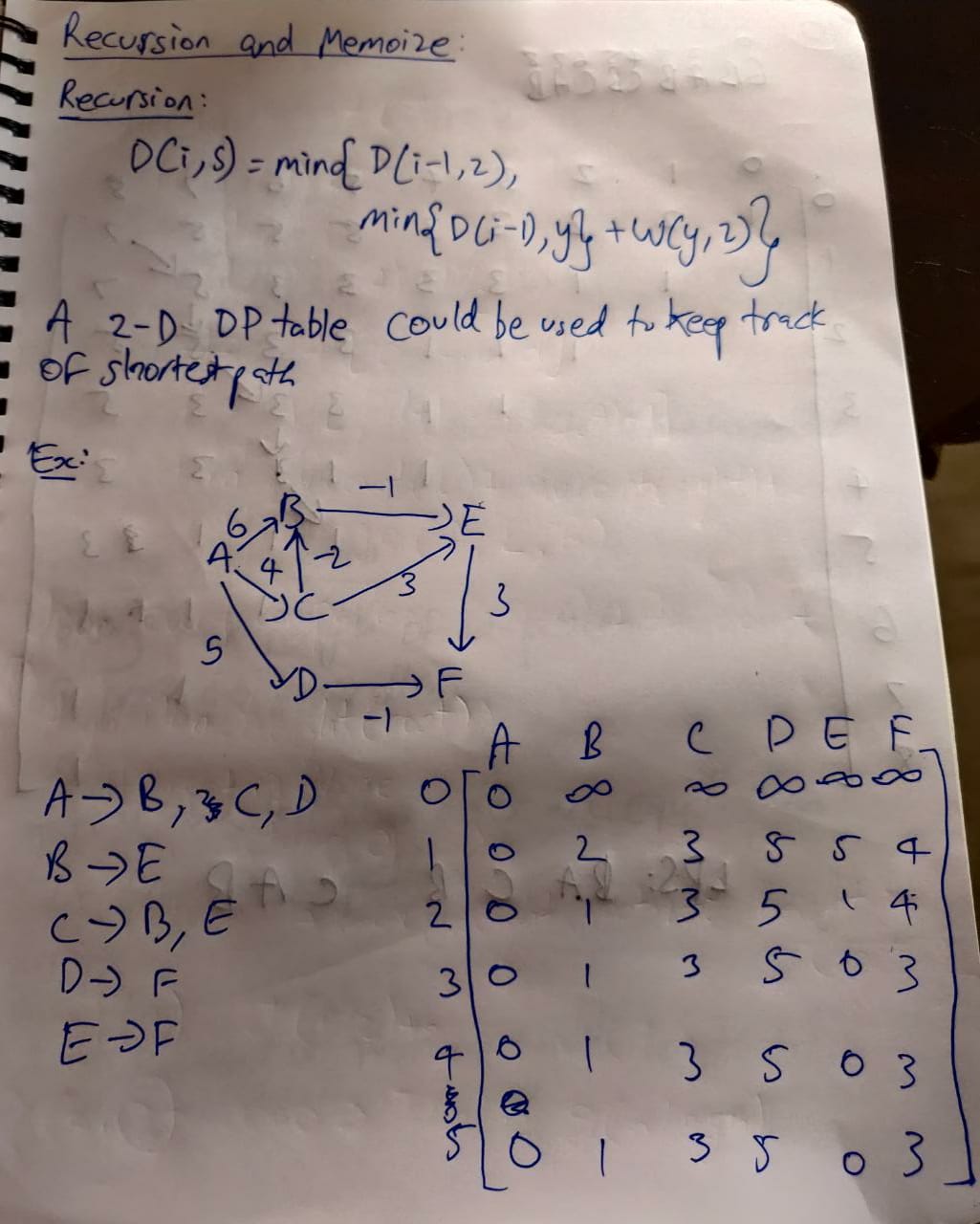


**Question 9:**

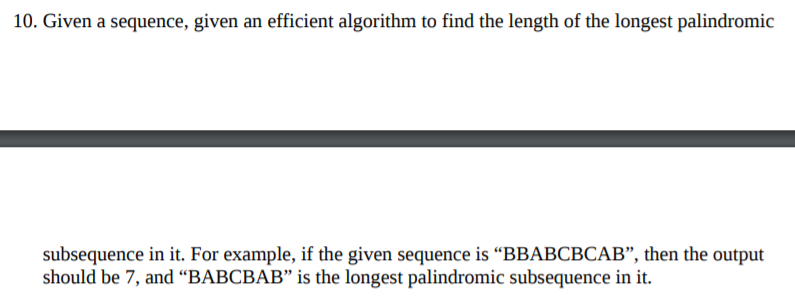


**Answer to Question 9:**

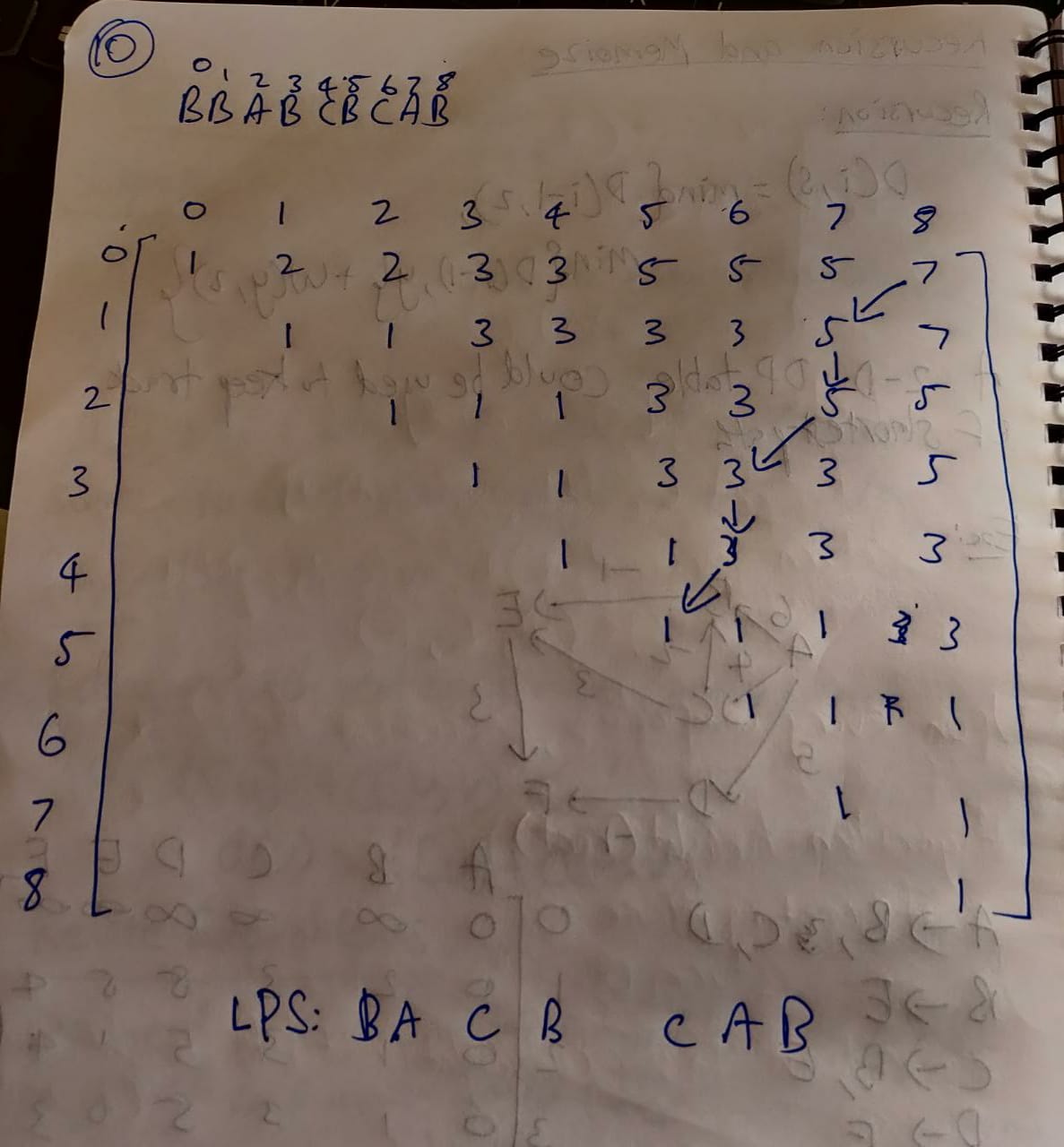




**Question 10:**



**Answer to Question 10:**

PTO

