Ethics:

Brainstorm all stakeholders.

1. Who might benefit from this algorithm (applied to this domain)?
   - Passengers, airlines (reduced flight times), shareholders (more flights = more profit), Uber/Lyft (car traffic version), environmental benefit if shorter flights,

2. Who might be harmed by this algorithm (applied to this domain)?
   - Environmental impact (more flight), folks living near airports (noise pollution),

3. Reinforce or counteract existing inequities?
   - School districting (reinforces educational inequities), lower the cost of flying (make flying more accessible), bigger airlines - bigger?

4. Any other ethical concerns?
5. Would you feel comfortable (from an ethical perspective) implementing this algorithm in this context?

Goals:

Understand Divide and Conquer Structure

1. Practice pre-design benchmarking
2. Figure out base case for closest points
3. 

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**Total Time Complexities**

- **Best Case**
  - $O(n)$
- **Worst Case**
  - $O(n^2)$