

# WEEK 11 and 12 ACTIVITIES

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1. When would you use a linear search instead of binary search?
  - I'd use linear search if the list is unsorted or small, since it's simple and doesn't need sorted data.
  
2. Why is it important to sort data before using binary search?
  - It's important to sort data before binary search because the algorithm relies on order to correctly divide and locate elements efficiently.
  
3. Which sorting algorithm seems easier to implement — Bubble Sort or Selection Sort?
  - Bubble Sort seems easier to implement because it repeatedly compares and swaps adjacent elements, which is simpler to code and understand.