































How to display matching Name? Have corresponding Name list Use Key Index to "index" into Name list Take care to use broadcast and wait (and not just broadcast) Find Key scripts must finish before caller knows it has set value of variable How do we know if Key not found? Key index is 0!







Find Max: Must look through every element of list (don't stop early)





Today's Summary

How to search; how to find elements in a List

- List is basic data structure
- · Loop through list using index variable, inc by 1 til end
- Max: Remember largest seen thus far
- How many ops to find max element of List: O(N)

Reading:

• Invitation pp 55-66 and 80-88 (Searching and complexity)

Announcements

- Exam 1 being graded
- Project 1: Draft uploaded to Scratch website by Friday at 5:00
- No other homework this week



