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# Arrays

**CS 1110/1111 – Introduction to Programming**  
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Some slides courtesy Addison-Wesley / Tony Gaddis

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# Storing More Data

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- Some items are pretty straight-forward
- But some are harder to record...
- Take HW grades
  - How would you do that right now?
  - What if I added a HW?
  - How would you change all the previous instances of that class?
  - Would it even work in the first place?
- How about phone number?

# Multi-Valued Fields

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- Sometimes we need fields that can have multiple values stored in them
- Usually this happens if we don't know how many of something we need to store or if (for convenience sake) we want everything stored together