

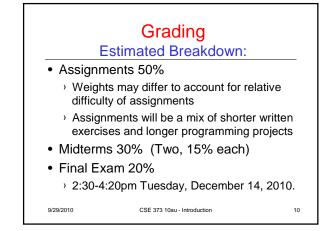
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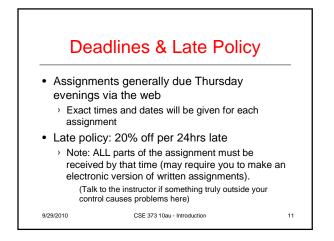
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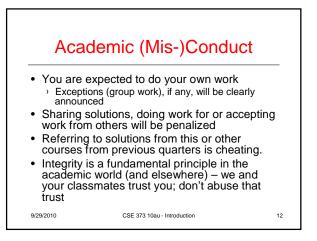
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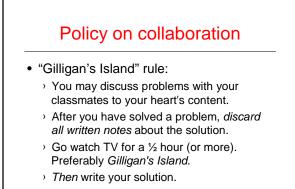
 Textbook

 • Data Structures and Algorithm Analysis in Java, by Mark Allen Weiss, 2nd edition, Addison-Wesley, 2007.



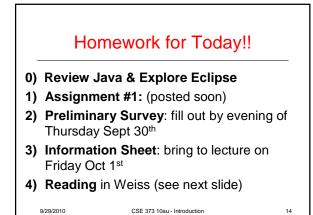


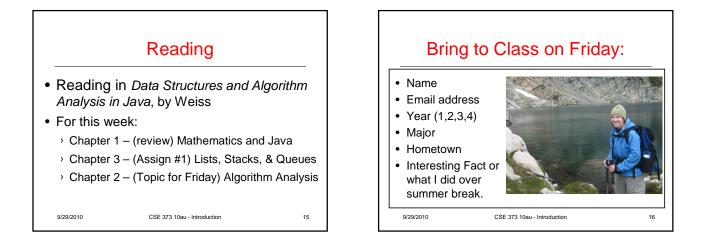




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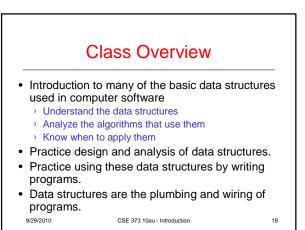
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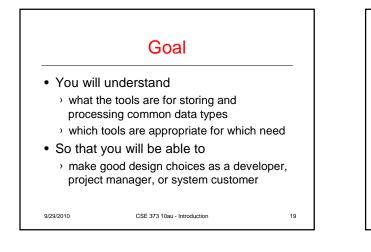


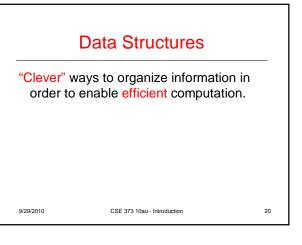


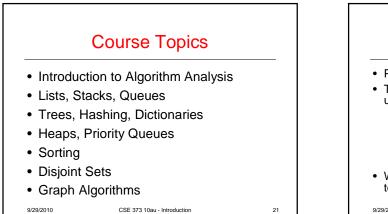
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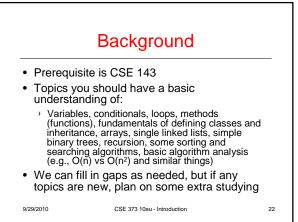


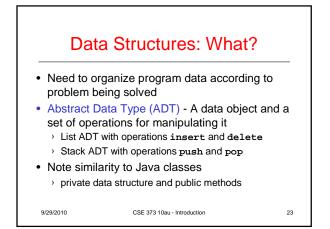


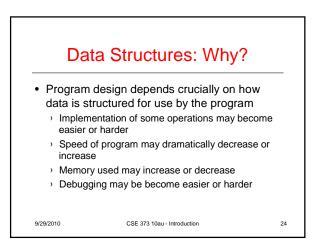










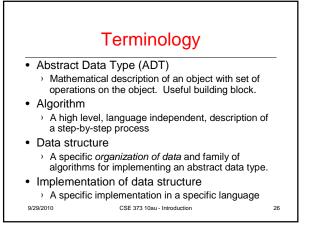


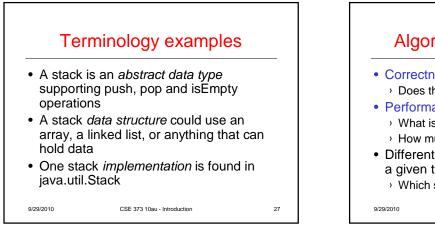
Picking the best Data Structure for the job

- The data structure you pick needs to support the operations you need
- Ideally it supports the operations you will use most often in an *efficient* manner
- Examples of operations:
 - > List ADT with operations insert and delete
 - Stack ADT with operations push and pop

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