Announcements

- Read for next time Chap. 6
- Assignment 1
- Reading Quiz on Blackboard
  - Due before class next time

- Today
  - Finish Classwork 5, Classwork 6
  - APT - ReplaceFirstHalf

Making Decisions in Python

if \( \text{condition1} \):
  Block of code to do if condition is true
elif \( \text{condition2} \):
  Block of code to do if condition1 false, condition2 is true
else:
  Block of code to do if other conditions false

- Can have many elifs, leave out elif, leave out else
Making Decisions tools

- Boolean values: True, False
- Boolean operators: and, or, not

<table>
<thead>
<tr>
<th>X</th>
<th>Y</th>
<th>X and Y</th>
<th>X or Y</th>
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<tbody>
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<td>True</td>
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- Relational operators: <, <=, >, >=
- Equality operators: ==, !=
- Look at if examples: miscIf.py, javabat

More on lists

- range (1,11)
  - Generates a list of numbers from 1 to 10

- Example:
  for num in range(1,11):
    print num