CSE 120, Section 7

HUNDREDS OF LINES OF CODE

LOOKING FOR ONE MISSING SEMICOLON
## Important Dates

<table>
<thead>
<tr>
<th>Date and Time</th>
<th>Type</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>TONIGHT, 1/28 before 11:59pm</td>
<td>Homework <strong>on Canvas</strong></td>
<td>Animal Functions</td>
</tr>
<tr>
<td>Thursday, 1/30 before 3:30pm</td>
<td>Reading Check</td>
<td>Reading Check 4</td>
</tr>
<tr>
<td>Friday, 1/31 in Class</td>
<td>Quiz</td>
<td>Quiz 2</td>
</tr>
<tr>
<td>Friday, 1/31 before 11:59pm</td>
<td>Homework <strong>on Canvas</strong></td>
<td>Jumping Monster</td>
</tr>
</tbody>
</table>
Reminders about Homework

- Make sure to include a block comment
  - /* Eunia Lee
  - 01/28/2020
  - Section Slides */
- Use autoformat to your advantage
- Include all of the details that are necessary for the sketch
- Make sure to read the rubric!
Upcoming...on February 5th

- Portfolio Update 1 that you can finish after tonight!
- Make sure to add your *completed* projects before then
  - Taijitu
  - Logo Design
  - Lego Family
  - Animal Functions
- Checklist
  - Your website displays a (non-broken) picture of each Processing project.
  - Clicking each picture takes you to a separate html page for that project.
  - Each project page has your working Processing project along with a project description and details.
Conditionals~

```
if (Human.IsBehind)
{  
  Boo()
}

if (Human.IsBehind == true)
{  
  Boo()
}
```
What is a conditional?

- An expression that *evaluates* to either true or false
- Can be stored in a `boolean` variable
- Or can be used in your program’s control flow
Is it a conditional?

1 + 2 == 3

CSE 120 is the best class at UW.

x = 10

User is pressing a key (on the keyboard)
What comparison operators can be used to make conditionals?

1.
2.
3.
4.
5.
6.
Compound Conditionals

- **&& (AND)**
  - ______ & & _______ : only true when left AND right are true

- **|| (OR)**
  - ______ || _______ : true when left OR right is true

- **! (NOT)**
  - !_________ : the opposite of the result
When to use compound conditionals...

- If HW is due tonight AND I’m confused, then go to Office Hours
- If it’s Tuesday OR Thursday, then go to section
- If it’s NOT a weekday, then sleep in until 11:30 am
If statements, in code!

- Already use if statements in day to day
- Now use them in code!

If (conditional) {
    Then...
}

Fancy Processing ~stuff~

- **key**
  - System variable for Processing that tells you the last key that was pressed on the keyboard
- Only applies to ASCII keys
- If (`key == 'b' || key == 'B'`)
  - Tells you if the last pressed key was a b
Worksheet Time!

YOU GET A WORKSHEET!

EVERYONE GETS A WORKSHEET!
Time to work!

- Homework
  - Animal Functions (due tonight)
  - Jumping Monster (due Friday)
- Reading Check 4
- Quiz 2