Lego Mindstorm: Lesson 3
Let’s recap!

What have we made the robot do?

How have we done this?
Did you know...
CS Changes the World!

× Changing lives through the creation of technology to aid the disabled

Isabella’s 3D-printed arm by Enabling the Future
What did we do last time?

What code allowed us to do it?
An if statement is a programming conditional statement that, if proved true, performs a function or displays information.
<table>
<thead>
<tr>
<th>Goals for the Day</th>
<th>Learn about if-else statements</th>
<th>Learn about the color sensor</th>
<th>Make it work on simulator and robot</th>
</tr>
</thead>
<tbody>
<tr>
<td>✗ What do they do?</td>
<td>✗ Why would we need a color sensor?</td>
<td>We use the simulator first to test, then try it on the robot and see if it gives the same result. This saves time and stress!</td>
<td>✗ How can they help us write code?</td>
</tr>
<tr>
<td>✗ How can they help us write code?</td>
<td>✗ How could the robot use the color sensor?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Let’s do it!

Any questions?

Rules:

✘ Stuck? Ask a mentor!
✘ Work together!
✘ Take care of the robots.
Credits

Special thanks to all the people who made and released these awesome resources for free:

✗ Presentation template by SlidesCarnival
✗ Photographs by Unsplash