# Conditionals

## CIS 110 Recitation
## 7/5/17

# Code Exercise: overview

You have been hired to replace the Sorting Hat at Hogwarts. You can't read minds, so instead, you'll write a program called SortingHat.java which will:

Take in a name as a command-line argument

Use the criteria on the next slide to pick exactly one House

Print out the name of that House

Once you've written the program, how can you test it to make sure it works?
Make a list of names that would be good test cases.

# Code exercise: specifications

Ravenclaw

More than 8 characters in the name OR

Number of characters is divisible by 6

Gryffindor

Fewer than 8 characters AND even number of characters

Slytherin

Name is "Rumplestiltskin" OR

Fewer than 8 characters AND odd number of characters

Hufflepuff