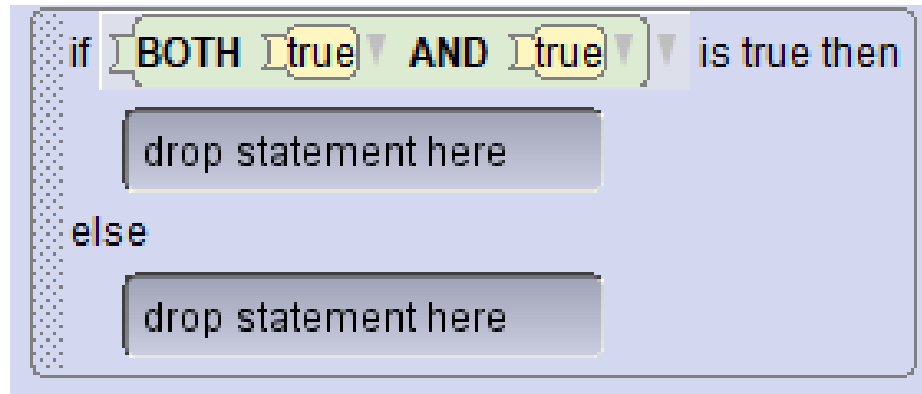


CompSci 94

Logic with Ifs, Nested Ifs

September 17, 2020



Prof. Susan Rodger

Announcements

- Assignment 3 due Tuesday night
- Next RQ and Videos due Tuesday 10:15am
 - They are up!
- Exam 1 Tuesday, Sept 29
 - Old exams on resources tab
 - Review next Thursday

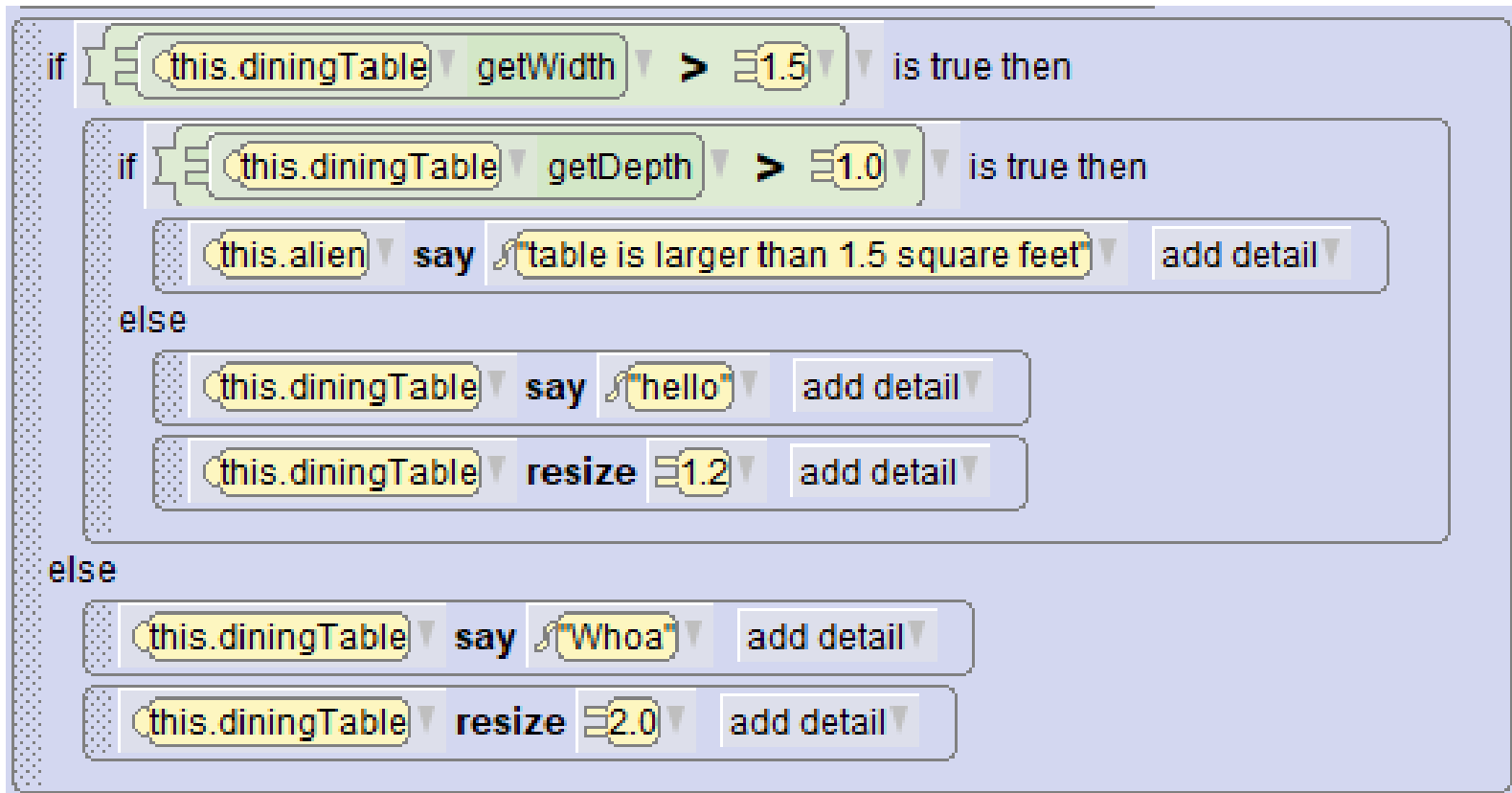
WOTO-1 Properties, Math

<http://bit.ly/94f20-0917-1>

- Remember to introduce yourselves
- Discuss and each of you fill out a form
- 9 minutes

Review Nested IF

- What happens if the diningTable has width 1.7 and depth 1.0?



Logic Review

- What are possible values of A and B
 - if **A and B** is True?
 - if **A or B** is True?
 - if **A or B** is False?

Logic Truth Table

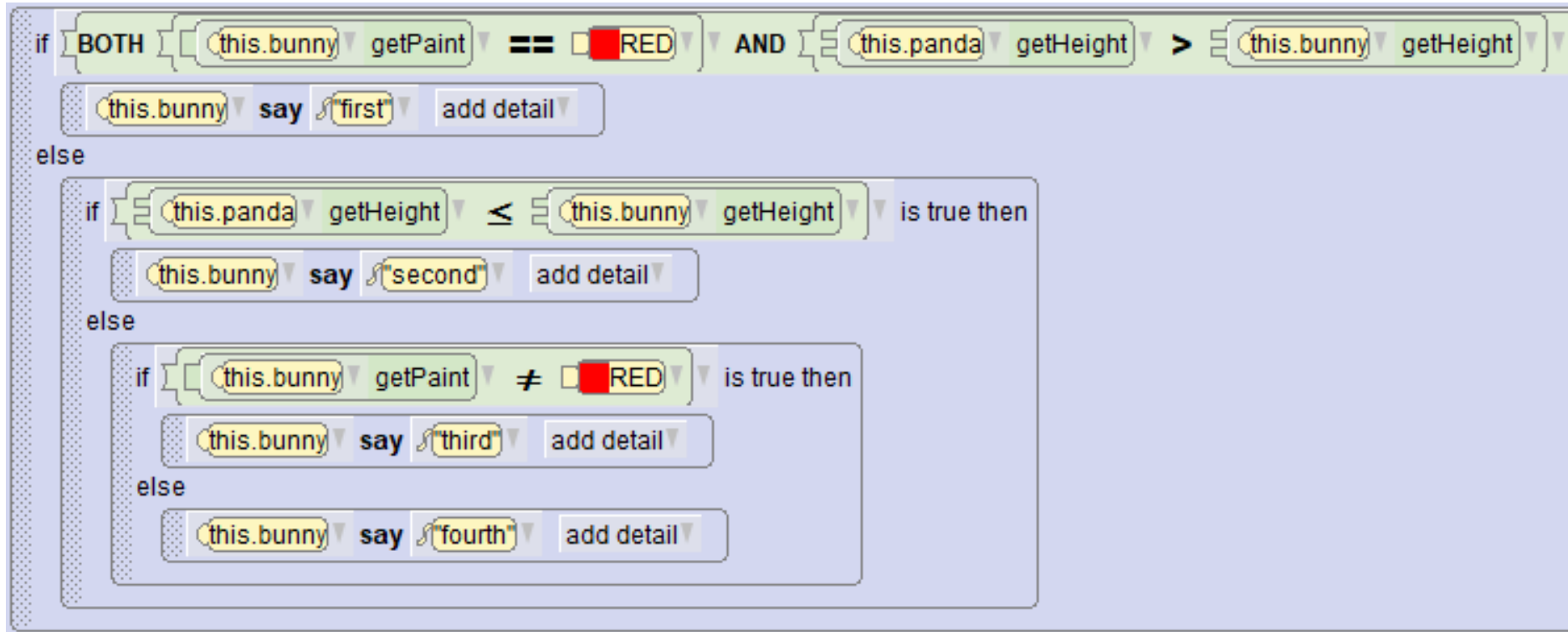
A	B	not A	A and B	A or B
True	True	False	True	True
True	False	False	False	True
False	True	True	False	True
False	False	True	False	False

Consider this code – Nested Ifs

How would you write it with ONE IF?



What does bunny say?

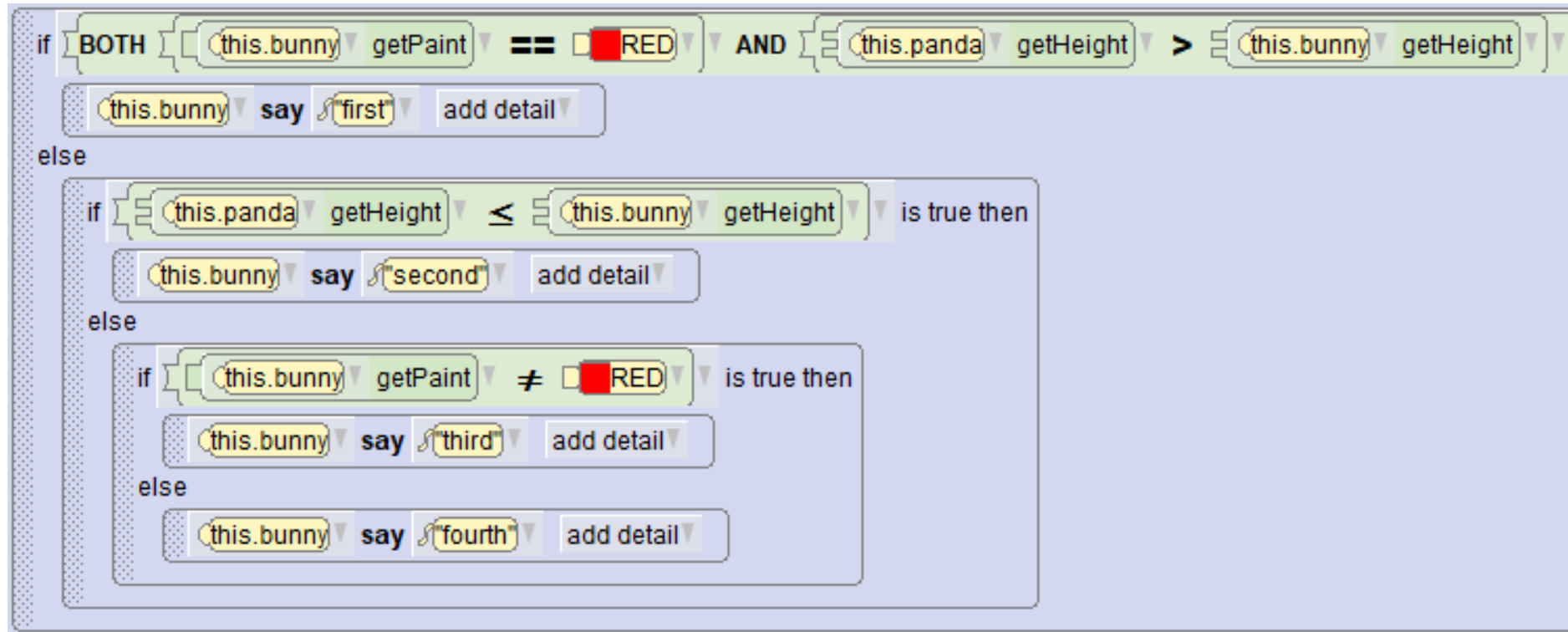


Bunny is red
to start.



9/17/20

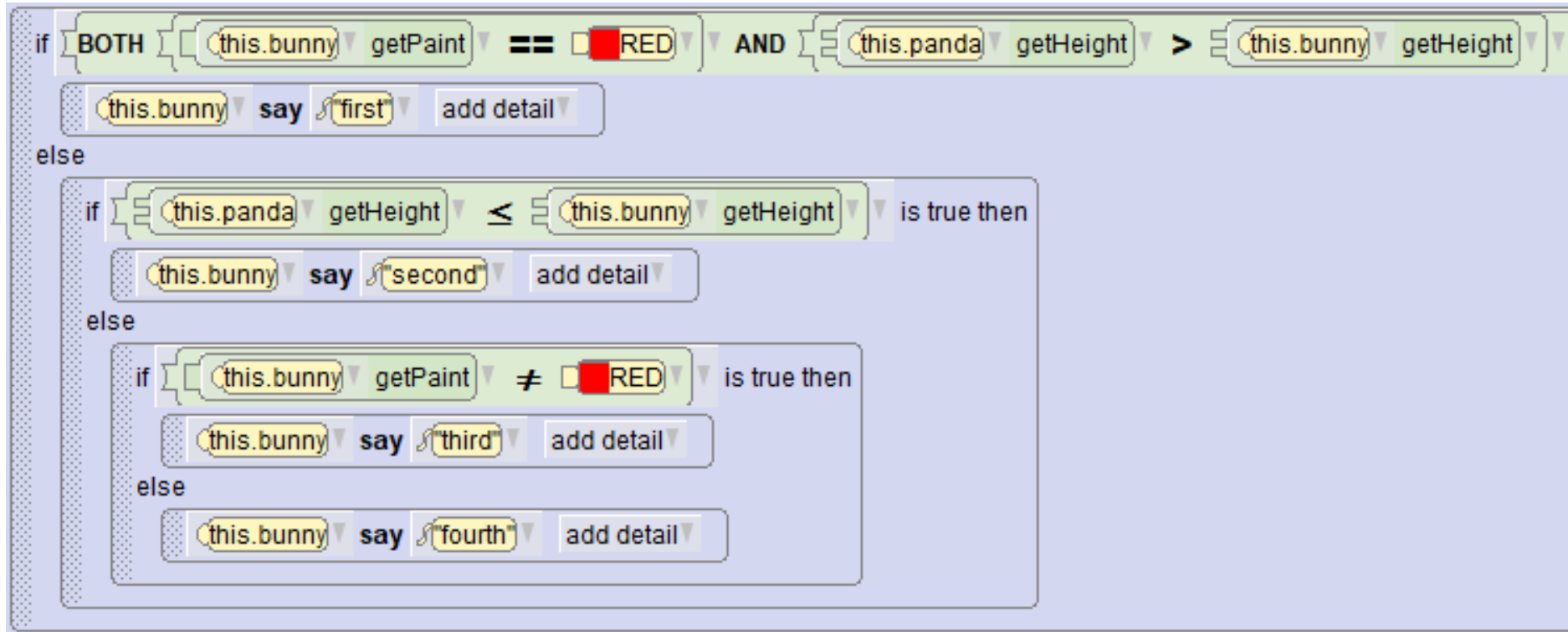
Bunny different. What does bunny say?



Bunny is
green to start.



Give an example to make bunny say fourth



Class Today

- Nested Ifs, Logic – and/or/not

