CompSci 94
Writing your own Functions
October 8, 2020

The taller height of bear and flamingo is 1.6470329954975202

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Announcements

- Sakai RQ and videos for Tuesday
- Assignment 4 out today and due Oct 20

Functions
http://bit.ly/94f20-1008-1

Q1. Function vs Procedure

- What is the difference between a function and a procedure?

Q2. Write a function called tallerHeight to compute the height of the tallest of two objects.

- What type of function should it be? Where do you create it?

- What is the return type?

- Need two parameters, what are their types?

Q3 What line of code do we have to put in every function?

Q4 What is the code for tallerHeight?

Q5 Given a bear and a flamingo, how does one use the function tallerHeight?

- Have panda say what the taller height is of the bear and flamingo.

Functions Again!
http://bit.ly/94f20-1008-2

Q6. Write a function called tallerObject to return the object who is taller of two objects.

- What type of function should it be? Where do you create it?

- What is the return type?

- Need two parameters, what are their types?

Q7 What is the code for tallerObject?

Q8 How do you get the taller of the bear and flamingo to say they are taller?
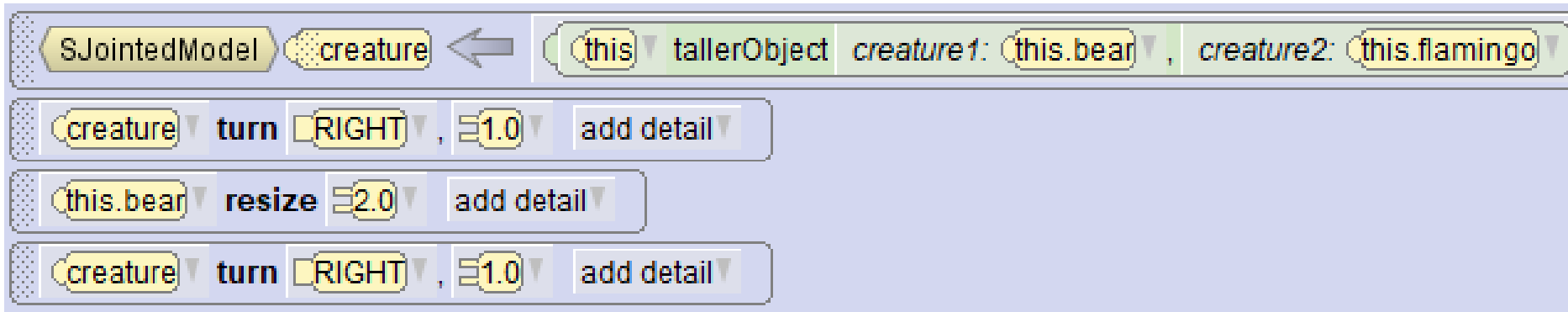
Q9 What does this code do?

Q10 What does this code do?

SJointedModel) creature ⟸ (this ▾ tallerObject creature1: this.bear ▾ , creature2: this.flamingo ▾)

creature ▾ turn RIGHT ▾ , ⊟1.0 ▾ add detail ▾

this.bear ▾ resize ⊟2.0 ▾ add detail ▾

creature ▾ turn RIGHT ▾ , ⊟1.0 ▾ add detail ▾

Class Today

- Jumping cat calculating how high and how far to jump, and other things…