

CompSci 94

Writing your own Functions

October 8, 2020



Prof. Susan Rodger

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>

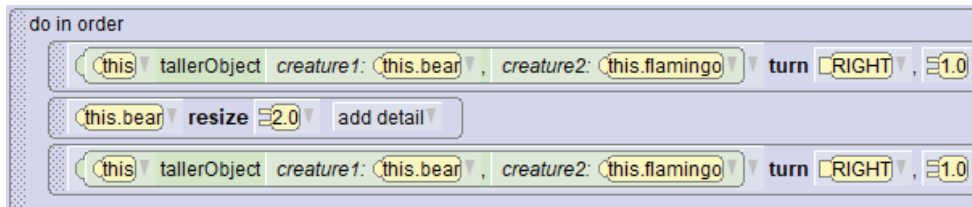
Q6. Write a function called `tallerObject` to return the object who is taller of two objects.

- What type of function should it be? Where do you create it?
- What is the return type?
- Need two parameters, what are their types?

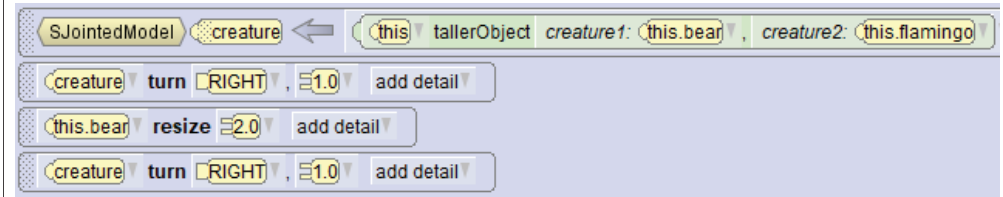
Q7 What is the code for `tallerObject`?

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?



Class Today

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

