CompSci 94 Writing your own Functions October 21, 2021



Prof. Susan Rodger

CompSci 94 Fall 2021

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Announcements

- Sakai QZ and videos for Tuesday
- Assignment 4 due Oct 28

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Function vs Procedure

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

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?

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Q1. What line of code do we have to put in every function?

Q2 What is the code for tallerHeight?

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Q3 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. Q4. 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?

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Q5 What is the code for tallerObject?

Q6 How do you get the taller of the bear and flamingo to say they are taller?

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Q7 How do you write code for ?

- The taller of the bear and flamingo to turn around once
- The bear to double in size (so it is taller)
- The taller of the bear and flamingo to turn around once.

Class Today

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





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