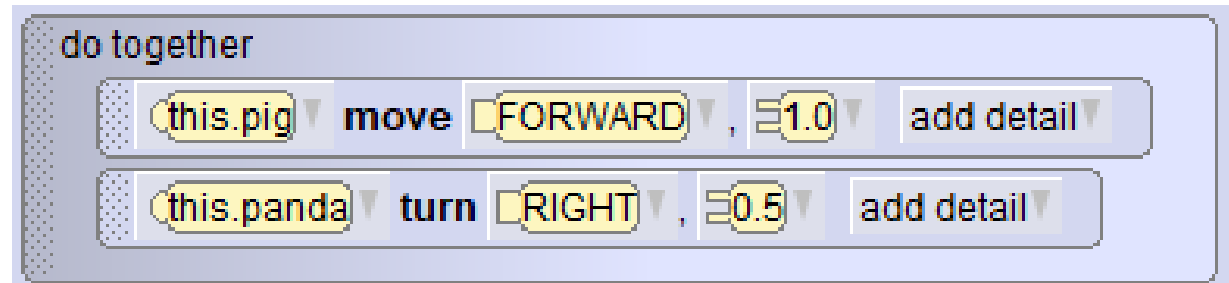# CompSci 94
Move/Turn/Roll Instructions
DoTogether, Storyboards
September 3, 2024

Prof. Susan Rodger

Today – Assigned Seats!

- Assigned partners to work with
  - Keep same partner for a few classworks
  - Chance to meet others in the class
  - Posted in Canvas Announcement
- Work on questions Q1-Q5 together!

Q1. Instructions

- Move – how many directions to move?

- Turn – how many ways?

- Roll – how many ways?

Q1. Instructions

- Move – how many directions to move?
  - 6 ways – up, down, left, right, forward, backward
- Turn – how many ways?
  - 4 ways – left, right, forward, backward
- Roll – how many ways?
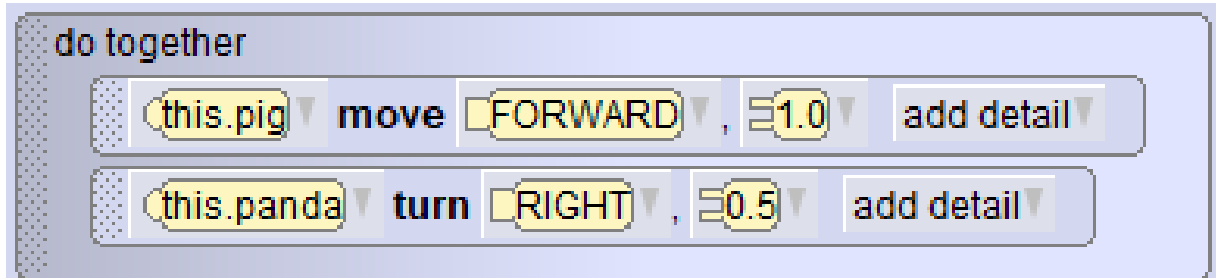 - 2 ways – left, right
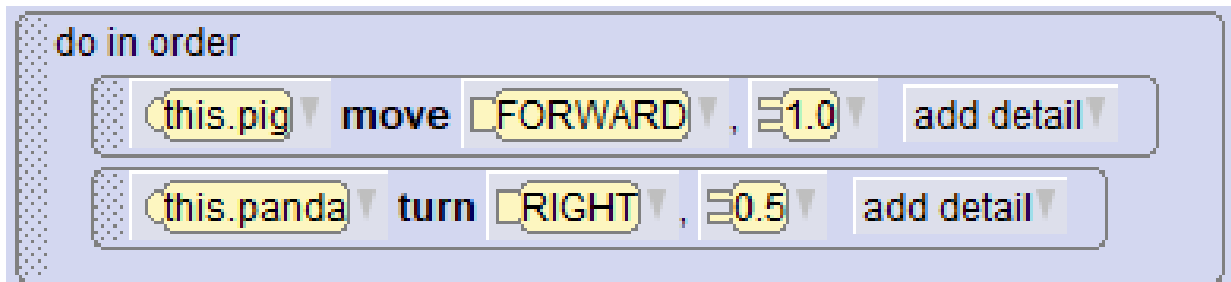
Q2. Object Parts

- Which instructions should you use with object parts? (turn, roll, move?)

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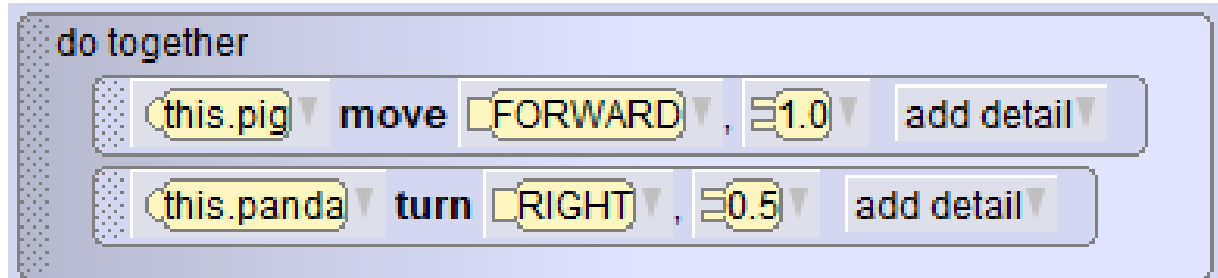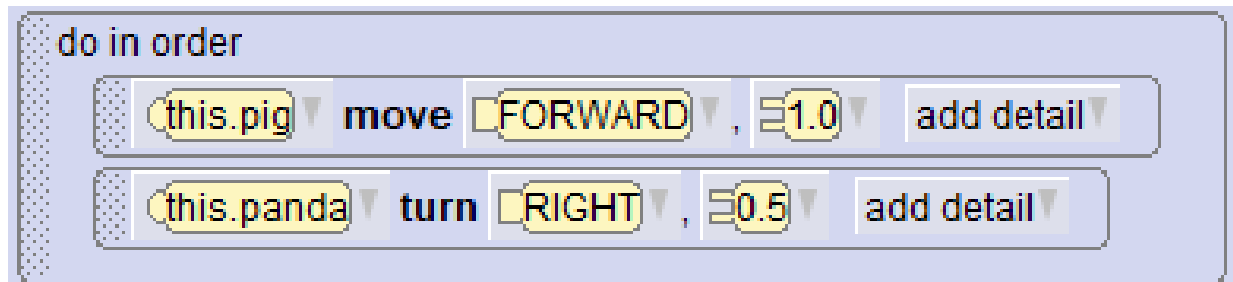 - Yes to turn and roll
  - No to move

Q3. DoInOrder vs DoTogether

- Is the final result of movements from these two code blocks the same?

Q3. DoInOrder vs DoTogether

- Is the final result of movements from these two code blocks the same?

do in order

this.pig move FORWARD , 1.0 add detail

this.panda turn RIGHT , 0.5 add detail

do together

this.pig move FORWARD , 1.0 add detail

this.panda turn RIGHT , 0.5 add detail

- Pig and Panda end up in the same place with either one

Q4. DoInOrder vs DoTogether - 2

- Is the final result of movements from these two code blocks the same?

Q4. DoInOrder vs DoTogether - 2

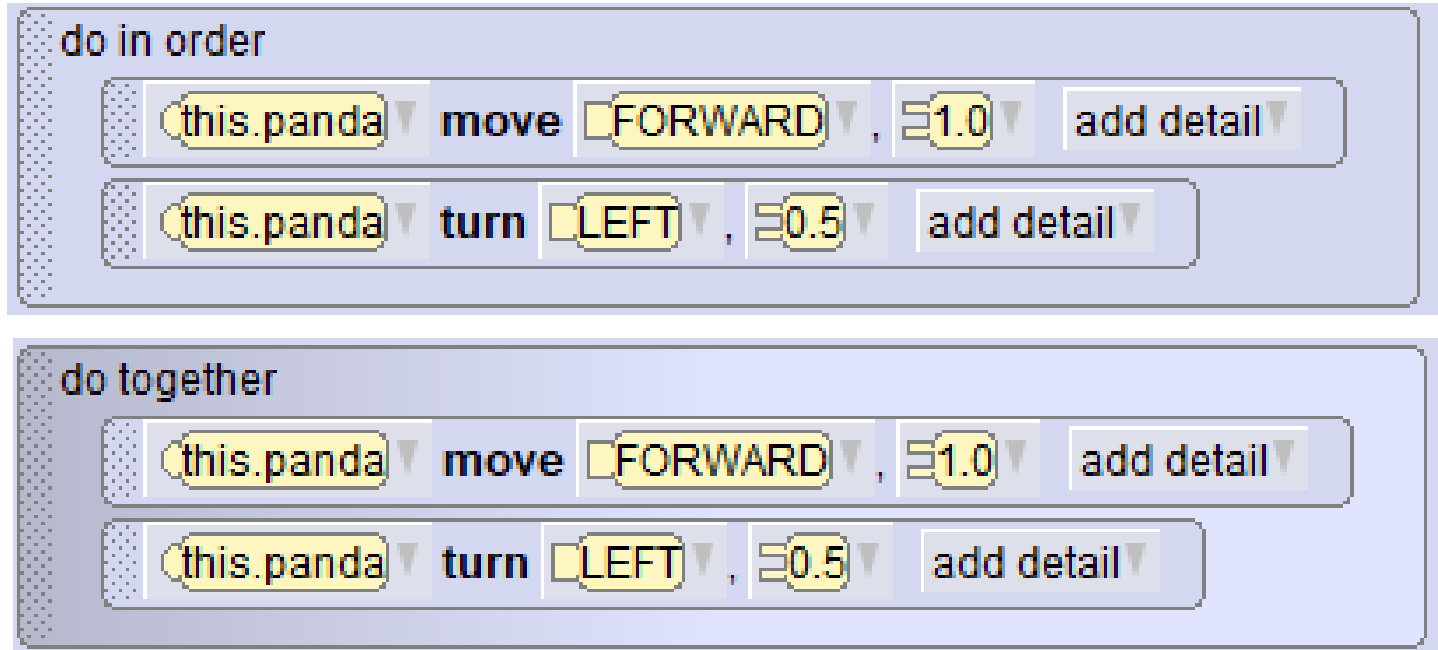- Is the final result of movements from these two code blocks the same?

do in order
this.panda move FORWARD , 1.0 add detail
this.panda turn LEFT , 0.5 add detail

do together
this.panda move FORWARD , 1.0 add detail
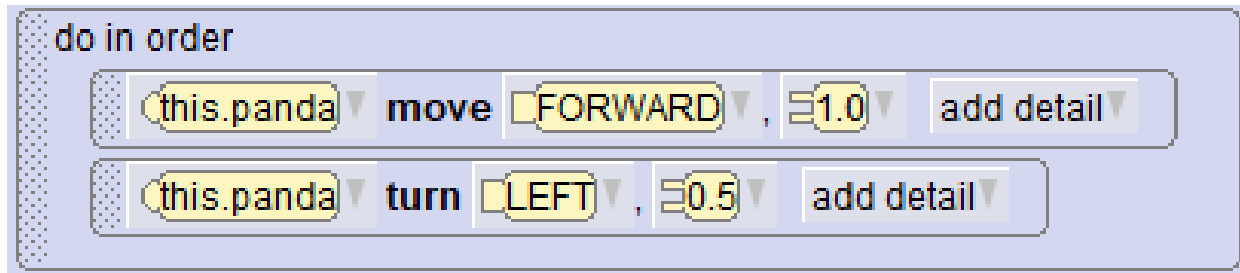this.panda turn LEFT , 0.5 add detail

- NO – Panda ends up in a different place with each code block

Panda DoInorder block

Panda DoTogether

do together
- this.panda **move** ☐ FORWARD ▾ , ☰1.0 ▾ add detail ▾
- this.panda **turn** ☐ LEFT ▾ , ☰0.5 ▾ add detail ▾
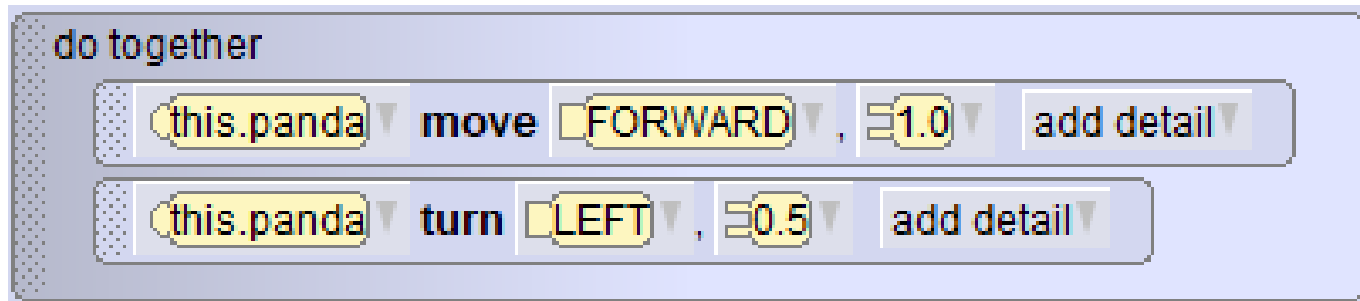
Q5. What goes into a Storyboard?

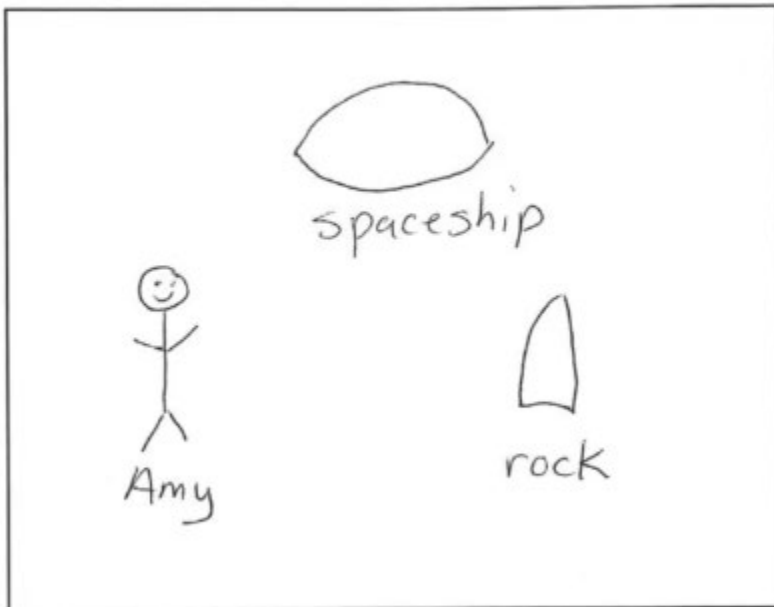# Q5. What goes into a Storyboard?

- Sketches

- List of objects

- Brief description of a sketch

- Show motion with arrows

- Number the sketches

STOP HERE

Storyboards

- Series of sketches
- Simple sketches
- List of objects

Scene: ___1___
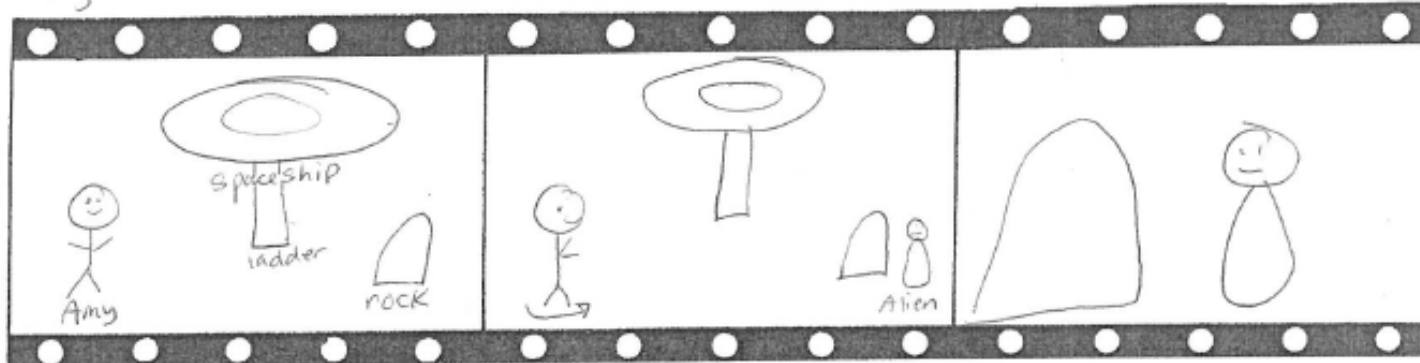

Initial scene
_____
_____
_____

Objects: Amy, spaceship, rock

Complete Storyboard example

Title: A Space Scare

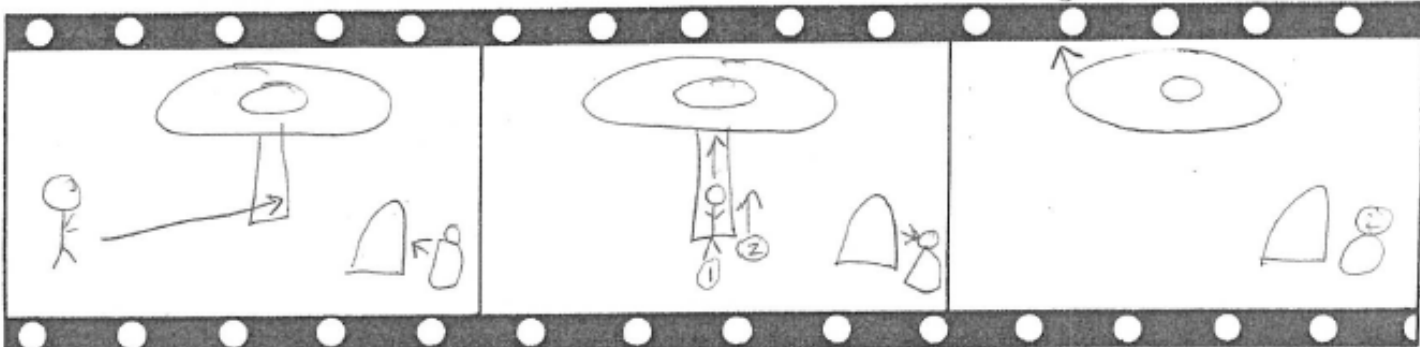objects Used: Astronaut (Amy), UFO, teaTable (ladder), rockyOutCrop, alien

Storyboard

Name: S. Radger

|		
Initial Scene	Noise! An Aliean appears to the right of the rock, Amy turns toward the rock	Camera zooms in to get good look at Alien. Then zooms back to original location
Amy runs to ladder while Alien runs behind rock	Amy goes up into spacecraft. Then ladder goes up. Alien comes out of hiding.	spaceship takes off and Alien says "Don't you want to play?"

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Pixar does Storyboards
see Videos
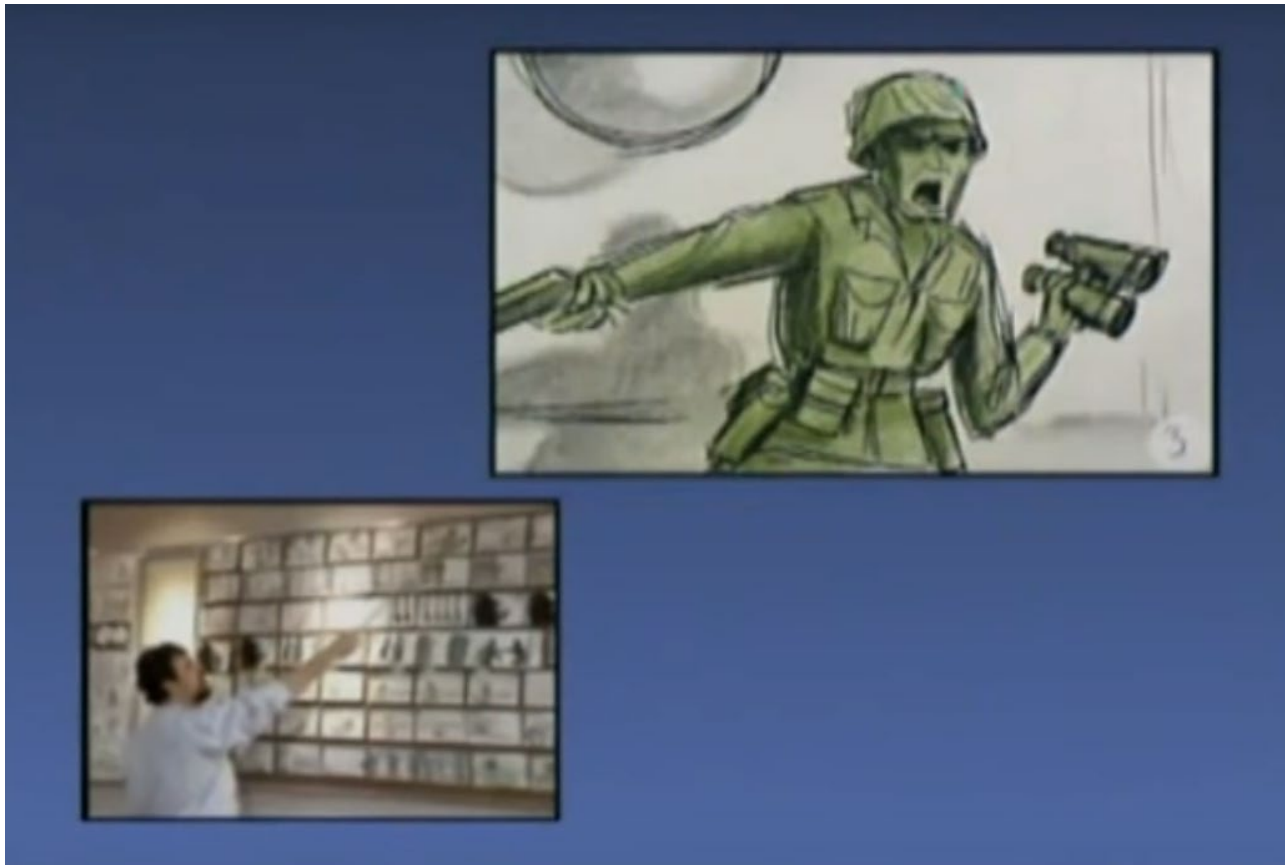
Other instructions

- Move
- Move to
- Move towards
- Point at
- Place
- Turn
- Turn to face

Canvas Quizzes Turn off soon!

- Last Chance for QZ1-QZ3 beginning of next week

  - QZ1, QZ2 and QZ3 – turn off Sept 10 when lecture starts

- Starting Next week, Quizzes turn off when lecture starts on the day they are due

  - QZ4, QZ5, etc – TURNS off when lecture starts!

Consulting Office/Hours
How do they work?

- Office hours with Prof Rodger
  - Mon 3-4pm, Tue 1:30-2:30pm,
    Wed 4:30-5:30pm
  - In Person LSRC D237
    - OR Join her zoom link – Posted in Canvas in Announcements
  - Help people in order they show up
  - Happy to answer questions you have
  - Limit time if lots of people

Consulting Office/Hours (2) How do they work?

- Consulting hours with TA/UTAs
  - See hours posted on website
  - All hours online
  - SEE announcement in Canvas
    - Create an account on MyDigitalHand Beta
    - Must add CompSci 94 with code posted in Canvas
    - Do this now!
  - To get help, Login and they will send you a zoom link and help you (see video)

Announcements

- Assignment 1 due Thursday, Sep 5, 11:59pm

- QZ03 due Thursday

- Finish classwork from today

Class Today

- Storyboard

- Alice programming

- Check off when done or in next class period