CompSci 94  
Move/Turn/Roll Instructions  
DoTogether, Storyboards  
September 10, 2019

Prof. Susan Rodger

Top 10 List – Surviving CompSci 94

10. Ask Questions
9. Watch the Videos
8. Visit your professor in her office
7. Learn how to spell Rodger
6. Start early and keep working until it is correct

Top 10 List (cont)

5. Read the Compsci 94 bulletin board - Piazza
4. Attend class – Be on time!
3. Disconnect (email, facebook, chat, text) and focus/think about what you are doing
2. Seek help when stuck (1 hour rule)
1. Keep number for Enzo’s Pizza handy

Instructions

- Move – how many directions to move?
- Turn – how many ways?
- Roll – how many ways?
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

Object Parts

• Which instructions should you use with object parts? (turn, roll, move?)
  – Yes to turn and roll
  – No to move

Other instructions

• Move
• Move to
• Move towards
• Point at
• Place
• Turn
• Turn to face
**DoInOrder vs DoTogether**

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

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

**DoInOrder vs DoTogether - 2**

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

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

- Series of sketches
- Simple sketches
- List of objects

Scene: 1

Initial scene

Objects: Amy, spaceship, rock

Complete Storyboard example
Pixar does Storyboards

Announcements

• Last Chance for QZ3-QZ5 this week
  – QZ3 – turns off 8:30am Wed.
  – QZ4 – turns off 8:30am Thur.
  – QZ5 – due 8:30am Thur, extension til 8:30am Friday

• Starting Next week, Quizzes turn off 8:30am day they are due

• Assignment 2 due Thursday.
  – Don’t forget Reflect form with each assignment!

Class Today

• Storyboard
• Alice programming