Announcements

- Checkoffs from Chap 1 - after your work today, or next class period
- Read Chap 2, Sec 2 for next time
  - (only read, don’t do it in Alice yet)
- Reading Quiz
- Save the date – Pixar talk
  - Monday, March 21 – 7:30pm

Top 10 List – Surviving CompSci 4

1. Keep Poppa John’s number handy
2. Seek help when stuck (1 hour rule)
3. Start Alice assignments early
4. Read the book
5. Read the Compsci 4 bulletin board
6. Keep working until it is correct
7. Learn how to spell Rodger
8. Visit your professor in her office
9. Read the Book
10. Ask Questions
Animation Programs: Scenarios and Storyboards

• 2-step process for creating animations
  – Step 1: Design (today)
  – Step 2: Implementation (next time)

Step 1: Design

• Decide on problem to be solved
  – Often problem is given to you, by instructor or boss
  – Other times, you make it up!
  – We will do both
• Design a solution
  – Use a storyboard design

Example Problem (scenario)

• The scenario is:
  Several snow-people are outdoors, on a snow-covered landscape. A snowman is trying to meet a snowwoman who is talking to another snowwoman. He says “Ahem” and blinks his eyes, trying to get her attention.
• The problem is:
  How can we create this animation?

Designing a Solution

• First decide on objects for the scene
• Then, create a storyboard
  – A list of actions
• A storyboard can take two forms
  – Sketches
  – Textual “to do” list
Objects in the scene

- Objects: A snowman and two snowwomen
- Opening scene: a snowy scene
- A quick sketch:

![Image of a snowy scene with a snowman and two snowwomen]

- Don’t have to be an artist!

Storyboard Template

- Scene number
- Scene sketch (picture)
- Description
- Sound
- Text

A Storyboard

![Storyboard showing a snowman trying to catch a snowwoman's attention]

Storyboard in Text form

- Animation artists (Disney or Pixar) sketch their storyboards
- You may not have such expertise, so can also use a textual form

Snowman turns to face snowwoman
Snowman “makes eyes” and calls out to Snowwoman.
Snowwoman turns around

Like a “to do” list
Today’s class and assignment

- Write a storyboard

- For next time
  - Read Chapter 2, section 2 (pages 28-51)
  - We will do the Alice part of this in class next time
  - Reading quiz before next class