CompSci 94
Write your own Procedures,
object movement
September 2, 2021

Prof. Susan Rodger
Q1. Write your own procedure

• Why would you want to write your own procedure?

• What is another name for procedure?
Q1. Write your own procedure

• Why would you want to write your own procedure?
  – Use it more than once
  – Write less code
  – Good for organizing your code

• What is another name for procedure?
  – Method
  – Instruction
Q2. How do you create a procedure?

- Click on octagon at top
- Select character whose procedure it is for
  - Bunny hop
- Select "Add bunny procedure"
Q2. How do you create a procedure?

- Click on 6-sided shape at top
- Select character whose procedure it is for
  - Bunny hop
- Select “Add bunny procedure”
Q3. Creating and Using procedures

• Where do you put the code for a procedure?

• How do you use new procedure? Where is it?
Q3. Creating and Using procedures

• Where do you put the code for a procedure?
  – Procedure tab for new code
  
  – Be careful where you drop code. In hop or in myFirstMethod!!!

• How do you use new procedure? Where is it?
  – Under object’s procedures
Q4. Suppose you want to edit a procedure

• If the tab is not there, how do you get it back up so you can edit it?
Q4. Suppose you want to edit a procedure

- If the tab is not there, how do you get it back up so you can edit it?
  - Find procedure under object’s procedures
  - Click edit to the left of its name
Q5. Object Directions

• What direction are the arrows?
  – White
  – Blue
  – Red
  – Green
Q5. Object Directions

• What direction are the arrows?
  – White  
    • Forward  
  – Blue  
    • Backward  
  – Red  
    • Right  
  – Green  
    • Up
STOP HERE
Object Movements

- Objects turn, roll and move different directions
- Parts can also turn and roll
- Parts not intended to be moved
- Helps if you understand the orientation of objects
What about parts?

• Their orientation can be different!
What about parts?

- Their orientation can be different!
Announcements

• Assignment 1 due tonight
• Assignment 2 out
  – Draw a storyboard
  – Create an Alice program
  – Make a zoom video, explanations and run it
• Next time – make procedures more flexible and camera controls
• QZ4 due Tuesday when class starts!
  – This quiz will turn off so be sure to do it!
Class Today

• Writing procedures
• Includes part movements