CompSci 94
Write your own Procedures,
object movement
September 12, 2019

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Write your own procedure

• Why would you want to write your own procedure?

• What is another name for procedure?
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
How do you create a procedure?
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”
Creating and Using procedures

• Where do you put the code for a procedure?

• How do you use new procedure? Where is it?
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
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?
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
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
Object Directions

- What direction are the arrows?
  - White
  - Blue
  - Red
  - Green
Object Directions

• What direction are the arrows?
  – White
    • Forward
  – Blue
    • Backward
  – Red
    • Right
  – Green
    • Up
What about parts?
What about parts?

• Their orientation can be different!
Announcements

• Assignment 2 due tonight
• Next time – make procedures more flexible and camera controls
• QZ6 due by 8:30am Tuesday
Class Today

- Writing procedures
- Includes part movements