

# CompSci 94

## Introduction to Events

### Mouse Events

October 31, 2024



Prof. Susan Rodger

## Announcements

- Assignment 5 due Thurs, Nov 7
- Videos and online quiz for Tuesday
- Today we start event programming and building games
  - We are using all the programming concepts we have learned

Q1. How do I setup an object marker for the bunny?



Q1. How do I setup an object marker for the bunny?

- Go to scene setup
- Select the bunny first!
- Add objectMarker
- Should see it on the bunny



## Q2. How do I use an object marker?



## Q2. How do I use an object marker?

- Use it just like a camera marker.
- Bunny `moveAndOrientTo` `objectMarkerBunny`



## Q3. Consider the following

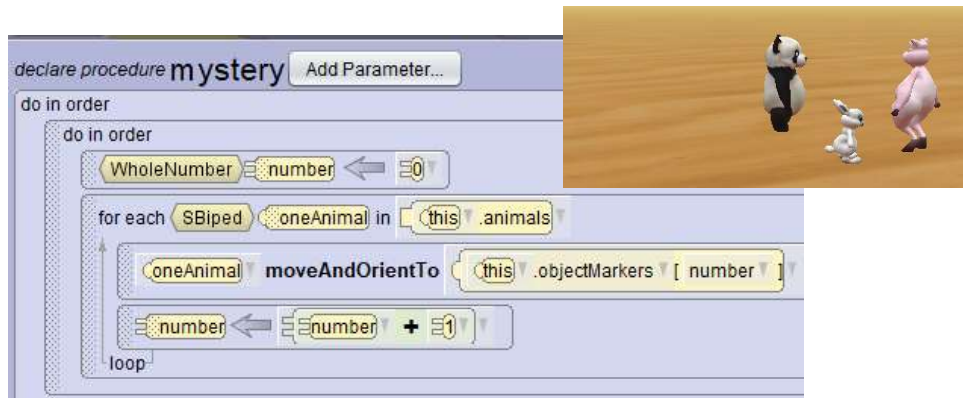
- Have 3 animals in an array named `animals`, and three object markers in an array called `objectMarkers`. They are in the order in the array as shown from left to right.



## Q3: Suppose the animals have moved as shown. What does the mystery procedure do?



Q3: Suppose the animals have moved as shown.  
What does the mystery procedure do?



- It moves the animals back to their original position and orientation.



Q4. What does the following code do?



Q4. What does the following code do?



- Panda moves right, then panda moves left
- Then there is a delay of 1 sec, the doTogether has to finish.
- Then the panda turns.

Q5 - How do you fix the code below so you only click on cow and moose for them to turn around?

- A scene has bear cub, cow, dalmatian and moose.



Q5 - How do you fix the code below so you only click on cow and moose for them to turn around?

- A scene has bear cub, cow, dalmatian and moose.



- Add Detail – Visual array of cow and moose

Q6 What does this event do?



Q6 What does this event do?



- Every other time you click on the dalmatian, it says hello.

Class Today

- Make a simple game

