### CompSci 94 KeyPressListener, Collision Listeners November 4, 2021



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CompSci 94 Fall 2021

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#### Announcements

- Assignment 5 is due Thursday, November 11
- Watch videos and online quiz for Tuesday
- Exam 2 is November 16

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#### Q1: How do I get the hare to turn around?

```
this addKeyPressListener add detail declare procedure keyPressed Cevent isLetter Cevent isDigit Cevent getKey do in order

(this.hare turn CRIGHT , $1.0 add detail)
```

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# Q2: What happens if I press letter A? If I press the letter T?

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### Q3: What happens if press letter A? If press letter T?



## Q4: What does Combine and Fire\_Multiple do?

### Q5: What happens when ...

- a) panda collides with a bunny?
- b) whiteRabbit collides with a bunny?

Note: bunnies is an array of bunnies

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Q6: What happens when

- a) panda collides with a bunny?
- b) whiteRabbit collides with a bunny?
- c) pig collides with a bunny?

whiteRabbit collides with panda? this| addCollisionStartListener | (this| | bunnies| | | new SThing| ( (this.whiteRabbit, (this.panda) declare procedure collisionStarted Cevent getSThingFromSetA Eevent getSThingFromSetB do in order event getSThingFromSetB == (this.whiteRabbit is true then (this.whiteRabbit ▼ say √hello") add detail event getSThingFromSetB == (this.panda) is true then (this.panda) ▼ say A hello add detail add detail this.pig say f"hello"

### Q7: Clicking on an array object

- There is an array of bunnies. When a bunny collides with panda, you want the bunny that collided with the panda to say hello and turn around once.
- Why doesn't this code work?



### Class Today

• A game with collisions



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