CompSci 94 Arrays, Loops with Arrays October 19, 2021



Prof. Susan Rodger

CompSci 94 Fall 2021

Announcements

- QZ and Videos for next time
- Assignment 4 out today, due Oct 28

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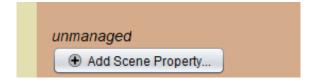
How and Where does one create an array?

How and Where does one create an array?

• Create as a Scene Property



• Go to bottom of page and add there.



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Example – Build array of Flyers

- Be sure to check box by "is array"
- Must add Objects into the array





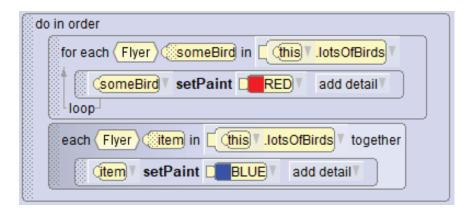
Q1. Arrays

• What is an array?

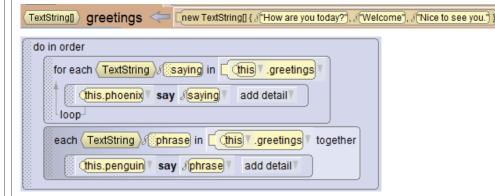
• Why create an array?

• Can an object be in more than one array?

Q3. What does this code do?



Q4. What does this code do?



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Q5. What does this code do?

```
for each (Flyer) (someBird2) in (this .lotsOfBirds)

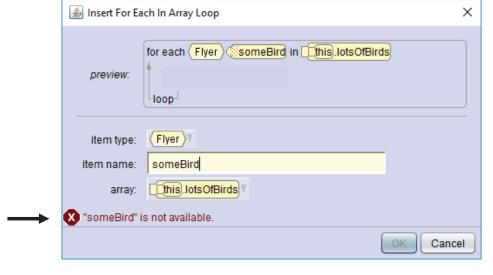
for each (TextString) (somePhrase) in (this .greetings)

someBird2 say (somePhrase) add detail

loop

loop
```

Q6. What does this error mean?



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BE CAREFUL!

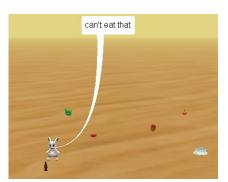
• When naming loop variable

• Don't CUT and PASTE ARRAY LOOP code

Class Today

• Iterating through Arrays





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