# **Unit 5 - Lesson 3 Lists Practice**

# Warm Up



### **Vocabulary Review**

Arrayan ordered collection of elements

**Element -** an individual value in a list that is assigned a unique index

Index - a common method for referencing the elements in a list or string using numbers



# Activity • • O



#### **Debugging:** the process of finding and fixing problems in code

#### **Describe**

The Problem

What do you expect it to do?
What does it actually do?
Does it always happen?

### Try Solutions

Make a small change

#### Hunt

**For Bugs** 

Are there warnings or errors?
What did you change most recently?
Explain your code to someone else
Look for code related to the problem

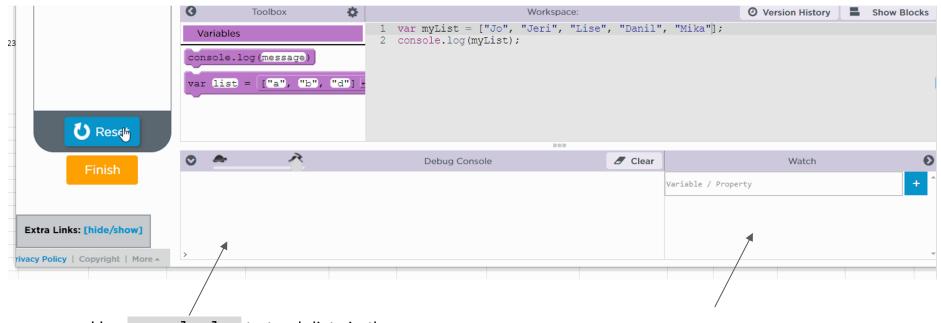
#### **Document**

As You Go

What have you learned? What strategies did you use? What questions do you have?



### **Debugging Arrays**



Use console.log to track lists in the Debug Console. Click the arrow to see elements listed by index.



#### Strings have indexes too!

myString.length will give the length of the string, which is 12

myString.substring(start,end) returns a substring starting at start, and
going up to but not including end

# Wrap Up



### **Prompt:**

What aspects of working with lists do you feel clicked today?

What do you still have trouble with?