Class Objects

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Java

Review on what is a class

A class is a template to create objects with. It can store multiple pieces of data and manipulate and change that data.

When creating Objects, you will create an object with a class type.

Three Parts of a Class

1. **Global Variables**
   a. Holds data and information
2. **Constructors**
   a. Creates and initializes global variables and starting data
3. **Methods**
   a. Changes and reads global variables

Lab: Spiderman

1. Create the multiverse!!!
2. Using the starter.java file, read through the program
3. Create the Spiderman class!
4. The output should look like the below.

```
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The actor Miles Morales is 13 years old.
They play Spiderman who's villain is King Pin.
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The actor Tobey Maguire is 0 years old.
They play Spiderman who's villain is None.
--------------------------------

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The actor Andrew Garfield is 39 years old.
They play Spiderman who's villain is None.
--------------------------------

--------------------------------
The actor Tom Holland is 0 years old.
They play Spiderman who's villain is The Vulture.
--------------------------------
```

```
-------------NOW TO CHANGE THE DATA-------------
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The actor Tobey Maguire is 47 years old.
They play Spiderman who's villain is Green Goblin.
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The actor Andrew Garfield is 39 years old.
They play Spiderman who's villain is Electro.
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The actor Tom Holland is 26 years old.
They play Spiderman who's villain is The Vulture.
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```