

Lecture 3

Quiz

Administrivia

Setter Methods

Blocking

Activity: Autopen

Primitive data types

Getter methods

Functions

Control structures

Activity: Morse Finch



1. What is the difference between program A and program B?

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A:

```
Finch sharjeel = new Finch();
sharjeel.setLED(0,0,255);
sharjeel.setWheelVelocities(255,255);
```

B:

```
Finch sharjeel = new Finch();
sharjeel.setLED(0,0,255,1000);
sharjeel.setWheelVelocities(255,255);
```

2. What is an API?



Finch amna = new Finch();

amna.setLED(0,255,0);
amna.setWheelVelocities(255,255);

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The Critters:



Making them useful:

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```
boolean isSleepy; // declaration
isSleepy = true; // assignment
int numStudents;
numStudents = 13;
double temp;
temp = 25.7;
color red;
red = color(255,0,0);
- or -
red = #ff0000;
```

Pro Tip: You can init in the same line as you declare!

boolean isSleepy = true;



Let's find out what temperature it is!

Finch abe = new Finch();
double temp = abe.getTemperature();
println(temp);

Why a double?

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