Coding Fundamentals ASPIRE

[8/11 - 12/12]

Helix Charter High School
Isabelle Viraldo

Week 6 [9/15 + 9/19]

Welcome!

-   Mondays: Discussion + Activity
-   Fridays: Review + Programming Exercise

What do you want to learn?

What do you care about?

What do you want to accomplish?

feedback!

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Topics I hope to cover:

- GitHub (How to use and let's set one up!)
- AI (Machine Learning vs Generative AI vs Image Detection, let's break it down (and make one of our own))
- How to code! (Some practical skills, and also best practices)
- Binary (What is it? Why is it important? Who cares?)
- Robotics (What do you need to get a robot working?)
- How does your computer work? (What do computers do when you're not looking?
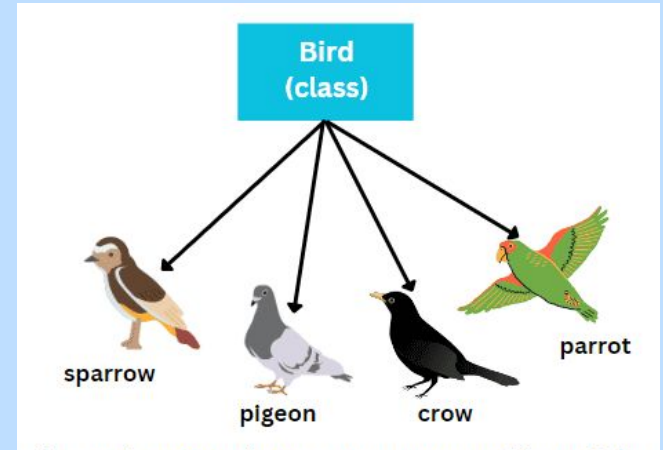- What do you want to learn?

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What is a Class?
A custom object with unique:
Variables, functions, and types

Reuse and make many other similar objects

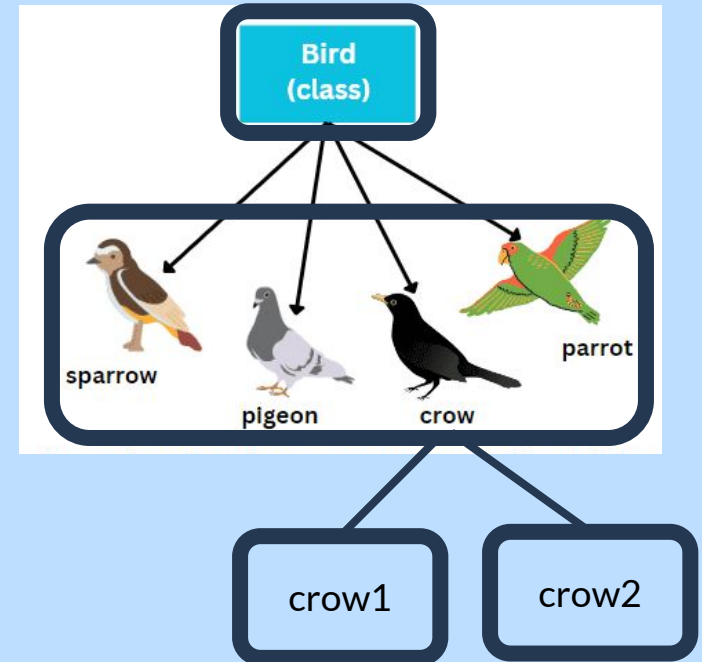Its like a skeleton, that you fill in the details with

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Parent Classes

Children Classes

Variables: Shared + differences

Functions: Shared + differences

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Coding activity! Get out your Chromebooks!

Everyone look up:

python online compiler

Or

Go to: https://tinyurl.com/yc4w9mdh

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feedback!