

## Introduction to p5.js

**Notebook:** Introduction to programming 1 [CM1005]

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Cornell Notes	Topic: Introduction to p5.js	Course: BSc Computer Science
		Class: Introduction to Programming
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Essential Question:		
What makes up a program and what are some of the tools we going to using in this course?		
Questions/Cues:		
<ul style="list-style-type: none"><li>• What are commands?</li><li>• What is meant by writing a program?</li><li>• What's the difference between human language and a programming language?</li><li>• Where do you write your programs?</li><li>• What is a programming language?</li><li>• What is a library?</li></ul>		
Notes		
<ul style="list-style-type: none"><li>• Commands = smallest building block of prog</li><li>• Prog = collection of individual command in right order to either solve prob, complete task or interact with user.</li><li>• Source Code = collection of commands for prog</li><li>• write prog = enter comms and saving to file</li><li>• comms to be exactly correct and in right order</li><li>• Human lang can express self and how we feel; prog lang is dumb.</li><li>• Write prog in code editor, editor to make suggestion and spot error.</li><li>• Execution = running prog</li><li>• Prog lang sets vocab for comms in prog, ie dictionary comms from lang</li><li>• Comp takes comms into binary that specific hardware gets.</li><li>• Library = collection of code by someone else that we use, makes it easier to code.</li><li>• createCanvas(width, height);</li><li>• rect(x,y,width, height);</li></ul>		
Summary		
In this week, we've learn the basic overview of what a program is, how a library speeds up our coding and what exactly p5.js is.		

