Week 1 Notes

# Terminal/ shortcuts

* Fork 🡪 SSH 🡪 git clone URL nameOfFile
* Alt + delete to delete all written
* Node to access REPL
* Mkdir
* alt + arrow keys: move a line up or down
* command + alt: multiple cursors

# Vocabulary

* CLI: command-line interface
* Argv: argument values, given by an array
* process.argv = environment variable
  + process in an object that has variable argv
  + argv: puts all the things (arguments) you wrote into an array

# Material

Parsing

* Path are still considered arguments to the shell you’re using (shell = terminal?)
  + So basically path of node (interpreter) is an argument along with path of sum.js
* All command arguments are strings
* Javascript exectures program top bottom so like you will get the gist of it later but sometimes u don’t need to call functions it just executes shit
* Scope: x=12 and then inside an if statement x=4 you can still console.log it!

# Syntax

* Number(“123”) 🡪 123 (a number)
* process.argv.slice(2) (it is an array function): cuts the rest of array (basically starts it at 2)
* default (same category as if statements) and switch, switch executes code based on argument matching
* if an array is empty: if !array.length
* Ternary operator: if + else statement in one line:
* let name = gender === 'male' ? 'bob' : 'jessica';
  + is the gender male? If yeah the name is bob so could also write like (gender === ‘male’)
  + recall that operators are like +, modulo, ===
  + if is not technically an operator, will probably understand more you write and stuff
* Anonymous function: function without a name, but note here to explain like how u can make a function an argument AND make it return the result of the function not the function itself (this is really syntax shit, like if u think through it you would have known)
  + ( () => {} )()
* (() => {
* return 5-3;
* })()
  + vs sum() IE a function()

# Exercises where I learned a lot

* day1/ternary.js
* day1/password.js