**NODE JS-codecademy**

1. [Node.js](https://nodejs.org/en/" \t "https://www.codecademy.com/courses/learn-node-js/lessons/intro-to-node-js/exercises/_blank), invented by Ryan Dahl in 2009, found unprecedented popularity and is currently being used by numerous top-tier companies including Netflix, Uber, Paypal, and eBay. Node.js is a JavaScript runtime, or an environment that allows us to execute JavaScript code outside of the browser.
2. Node was created with the goal of building web servers and web applications in JavaScript, it can also be used for creating command-line applications or desktop applications.
3. Type **node -v** to know the verion of node.
4. Steps to INSTALL node :
   1. Install **Git Bash**.
   2. Navigate to the Node website, and download the version of Node labeled “LTS”**.**
   3. Then install it**.**
5. [REPL](https://en.wikipedia.org/wiki/Read%E2%80%93eval%E2%80%93print_loop" \t "https://www.codecademy.com/courses/learn-node-js/lessons/intro-to-node-js/exercises/_blank) is an abbreviation for ****r****ead–****e****val–****p****rint ****l****oop.When you install Node, it comes with a built-in JavaScript REPL.
6. You can access the REPL by typing the command node (with nothing after it) into the terminal and hitting enter. A > character will show up in the terminal, indicating the REPL is running and prompting your input.
7. If you’d like to type multiple lines and then have them evaluated at once, you can type .editor while in the REPL. Once in “editor” mode, you can type control + d when you’re ready for the input to be evaluated.
8. **global object**:global.cat = 'meow!'
   1. > console.log(global.cat)  
      'meow!'.
9. Node was designed with server-side web development.however, it provides the ability to run JavaScript programs on our own computers instead of just in the browser’s console or embedded in HTML.
10. **RUNNING A PROGRAM** :
    1. We’ll need to create a file with a .js extension. We’ll call ours ****myProgram.js****. Next, we’ll open that file with a text editor and add our code:

// Inside myProgram.js

let message = 'Hello World';  
console.log(message);

* 1. To execute ****myProgram.js**** Type the command **node myProgram.js**
  2. **D**

1. **Core Modules :**