

***Code Along: Running Code***

**Starting scenario:**

Start off in the console. Students follow along on their laptops.

**Agenda:**

1. Navigate into the “Documents” folder
2. Create a folder and file
3. Edit the file
4. Save the file
5. Execute the script in command line
6. Check for student comprehension

**Guide:**

* Navigate into the “Documents” folder (Have students provide how to do these steps)



* Create a folder and file (students provide)
  1. Create a folder named “runningCode”
  2. Navigate into the folder
  3. Create a file named “runningCode.js”
* Edit the file
  1. Open the file in VS Code and type in the following:



* 1. The purpose of the code above is to output or print :-D in the command line. Explain console.log() prints whatever’s in the parentheses to the console, so we can see it.
* Save the file
  1. Remind students of this small, but vital step. If the file isn’t saved, the changes won’t take effect on the computer.
* Execute the script in command line
  1. In the console, execute the command to run the script using “*node runningCode.js*”
     1. Explain this command executes the file
     2. Show students how using the “tab” key can save time typing the names of files already present in the present working directory (pwd)
  2. Run the “*node runningCode.js*” again
     1. Show students how using the “up arrow” key can save time typing previous commands

**Checking for Student Comprehension:**

* Ask students to create a file of their own in the same directory
* In the file, have students display – using console.log - their name
* Save the file
* Execute the file in the command line so their name is outputted in the command line