Readme.txt ------- VVvvVV ------

The website is written primarily in HTML with both embedded and standalone PHP code. The core PHP functions that power parts of the site like creating the HTML header, footer and navigation panes. Module content is stored inside each HTML file according to filename. More documentation exists within the files.

Here is the structure of the website

- / - Website root
  - index.php
  - functions.php - Contains all the core functions for the site
    - makeHeader() - Generates the HTML <head> for all the pages
    - compileInput() - calls the exec() function that compiles and executes the input from the browser
    - etc..
  - / css
    - style.css
  - / js - Individual JS examples used for lessons, as well as core functionality files.
    - array1.js
    - tabCapture.js - Captures tab key presses when inside a text area.
    - etc...
  - / programs - These are the example programs that are displayed inside the text areas in the browser for each of the pages with corresponding filenames.
    - ifelse1.txt
    - pointers1.txt
    - etc...
  - / compile - This the sandbox that temporary hold compilation and execution files that are generated when a user runs the code in the browser.
    - **NOTE:** This folder should be empty at all times. The files that are generated should be deleted after they are run,
    - HOWEVER **be sure that no files build up.** Consider setting up a cron job to delete all files in the folder.
  - / log - This folder holds files that are created every day when code is executed and run from the web. It logs the **timestamp** and **IP address** of the user for each execution.
  - arrays.php
  - pointers.php
  - ifelse.php
  - etc...