# ETC Test Parser (next)

## Features as of V0.1.0-dev3

**Current Features**

* Reads all .htm/html files from the "./HTML\_Files" directory
* Parses the student’s name from the file
* Tallies all missed questions, by objectives per Mod
* Outputs two files into the "./Output\_Files" directory based on students name: a text file and .csv file
* Calculates the students Grades
* Detailed debugging/verbose messages. Can be used in PowerShell or uncommented in program for as much or little debugging you wish to see.

## Usage

1. Go to "S:\Inst\3-Programming Fundamentals\Instructors\Brion\TestParser"
2. Note: Currently Programming/Scripting Module objectives are prefixed with '9'.
3. Save each test you wish to parse in the "S:\Inst\3-Programming Fundamentals\Instructors\Brion\TestParser\Mod#\HTML\_Files" folder (replace ‘#’ with the mod’s number.
4. Then in the main folder, right click on the "testParser.ps1", and choose "Run with PowerShell" from the menu (2nd Option normally)
5. The program with ask which Mod you are parsing 3 or 9 are the only possible correct answers to continue.
6. The program will output several things to the screen, watch and enjoy. Hit Enter to close the program.
7. Check out the "S:\Inst\3-Programming Fundamentals\Instructors\Brion\TestParser\Mod#\Output\_Files" folder for the results.
8. Review the text files, and then copy the csv files into the remediation file.
9. DONE!
10. A log “lastrun.log” is created. Email this and the html files you had issue to Brion please!

## Bug Fixes and code updates:

* Program now grades the first question correctly.
* Minor clean-up of general code base/variable usage (some debugging variables were not used correctly or misspelled)
* Change path hardcoding to relative paths based on the script’s location.

## Versions/To DO

**To Do for Verison v0.1.0-dev3**

* Read in and parse information from configuration file.
* Format a proper configurations file for Mod 3/9
* ~~Allow user to select which module – this will thus merge the two current scripts~~. (1.1.0.dev.1)🡪 Currently hard coded in the base code until a configuration file usage added.
* **Test paser v0.0.0-dev1** - Initial Working Code Block that works on the Unit Test.

**To Do for Verison v0.0.0-dev2**

* ~~Add documentation to code~~
* ~~General Code clean up/uniformity~~
* ~~Add saved output - report file from last run.~~
* ~~Add support for CSV saves~~
* ~~Add support for multiple html files in the same directory~~
* Add Auto detecting for the Mod# in the objective --> Push to next version due to need to track # questions on the test and the # of objectives to track.

**To Do for Future Versions** (not in any order)

* Add Auto login feature
* Create a single file text file as an output as well.
* Add support to download tests from ETC server by group
* Turn base script into a cmdlet
* Turn parsing into a function/cmdlet
* Have objective names loaded automatically from the configuration file
* Add support for any ETC testing based mod.
* Add support for THREE different parsed objective numbers: (Objective : 3.9.2)
  + Module Number (3 or 9)
  + Module Objective Number (10, 1, 02)
  + Daily Objective Number (10, 1, 02)
* Change the outputs to reflect the following requirements:
  + Success stream – normal outputs
  + Error stream – a halting error when the command cannot continue
  + Warning stream – an unexpected situation/error but command can continue
  + Verbose stream – messages to help users/dev to understand current processing of the command. Most of the debug stream current messages need to be changed to verbose stream.
  + Debug stream – a detailed message needed only by the dev to see current state and micro processing details of the command
  + Information stream – not used (may be used as a halfway point between Success and Verbose.)
  + Progress stream – not used