Appendix D - Brief description of files in *final* directory

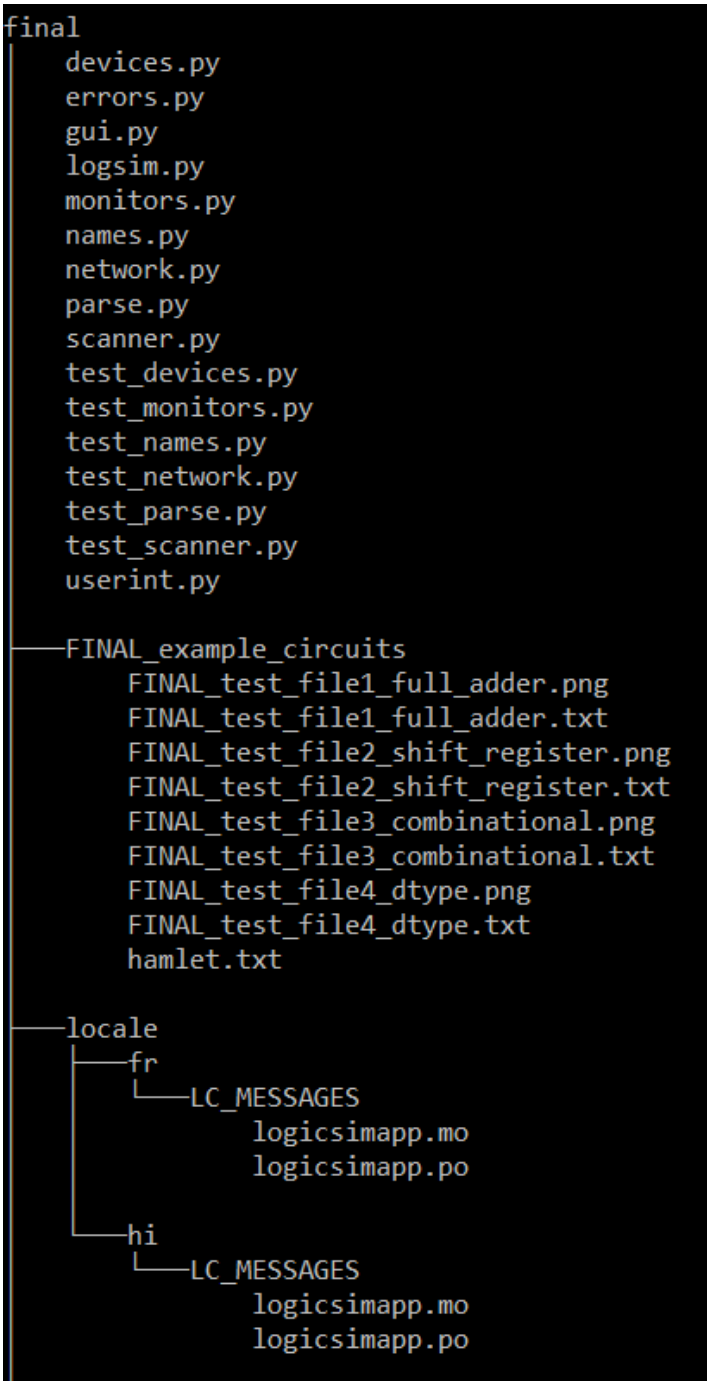

Figure 1: File structure in submitted `final` folder

File	Description
`devices.py`	Make devices and set device properties. Used in the Logic Simulator project to make devices and ports and store their properties.
`errors.py`	Record the error messages and location. Used in the Logic Simulator project to record an error and assign it attributes of importance to the GUI.
`gui.py`	Implement the graphical user interface for the Logic Simulator. Used in the Logic Simulator project to enable the user to run the simulation or adjust the network properties.
`logsim.py`	Parse command line options and arguments for the Logic Simulator. This script parses options and arguments specified on the command line, and runs either the command line user interface or the graphical user interface.
`monitors.py`	Record and display output signals. Used in the Logic Simulator project to record and display specified output signals.
`names.py`	Map variable names and string names to unique integers. Used in the Logic Simulator project. Most of the
`network.py`	Build and execute the network. Used in the Logic Simulator project to add and connect devices together.
`parse.py`	Parse the definition file and build the logic network. Used in the Logic Simulator project to analyse the syntactic and semantic correctness of the symbols received from the scanner and then builds the logic network.
`scanner.py`	Read the circuit definition file and translate the characters into symbols. Used in the Logic Simulator project to read the characters in the definition file and translate them into symbols that are usable by the parser.
`test_devices.py`	Test the devices module.
`test_monitors.py`	Test the monitors module..
`test_names.py`	Test the names module.
`test_network.py`	Test the network module.
`test_parse.py`	Test the parse module.
`test_scanner.py`	Test the scanner module.
`userint.py`	Implement the interactive command line user interface. Used in the Logic Simulator project to enable the user to enter commands to run the simulation or adjust the network properties.

Table 1: File descriptions