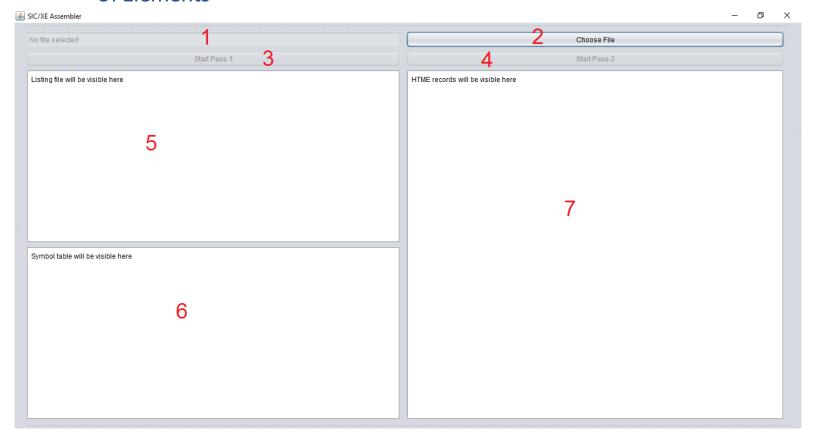
SIC-XE Two Pass Assembler User Manual

By:

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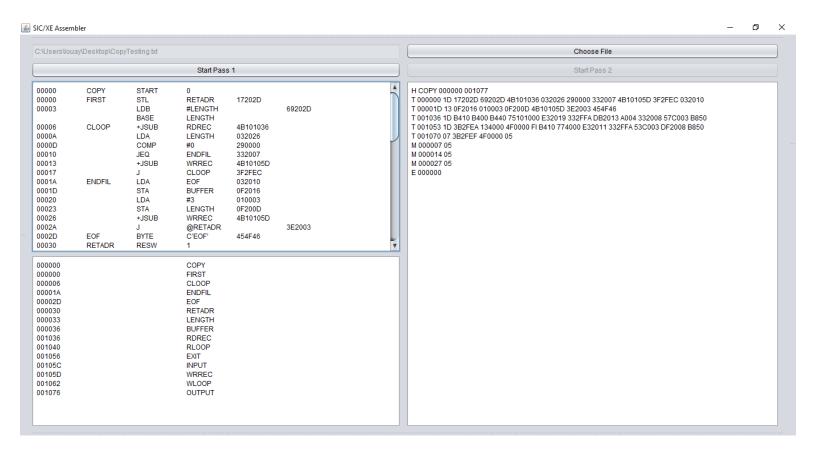
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UI Elements



- 1. Chosen file path
- 2. Choose file button. You can browse to a file using this button
- 3. Pass 1 start button. Will be disabled until a file is chosen.
- 4. Pass 2 start button. Will be disabled until pass 1 is completed without errors. Will be disabled again after HTME records are generated.
- 5. Listing file data is shown here. Also available as a txt file that can be found at the same place as the jar file.
- 6. Symbol table is shown here. Also available as a txt file that can be found at the same place as the jar file.
- 7. HTME records is shown here. Also available as a txt file that can be found at the same place as the jar file.

Running the code in lecture slides (COPY)



Notes:

- 1. If an error occurs in pass 1 (like duplicate label, unknown instruction... etc), pass 2 will be disabled until the errors are fixed.
 - An error message will appear to the user. Also the exact errors will be visible in the Listing File.
- 2. If an error occurs in pass 2 (like base relative calculation when no base is specified) the error message will be visible in the text area.
- 3. The generated object code in this example is correct. We double checked it. It's the same as the one in the lecture slides.