SIC/XE ASSEMBLER

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Steps to compile and run the ASSEMBLER:

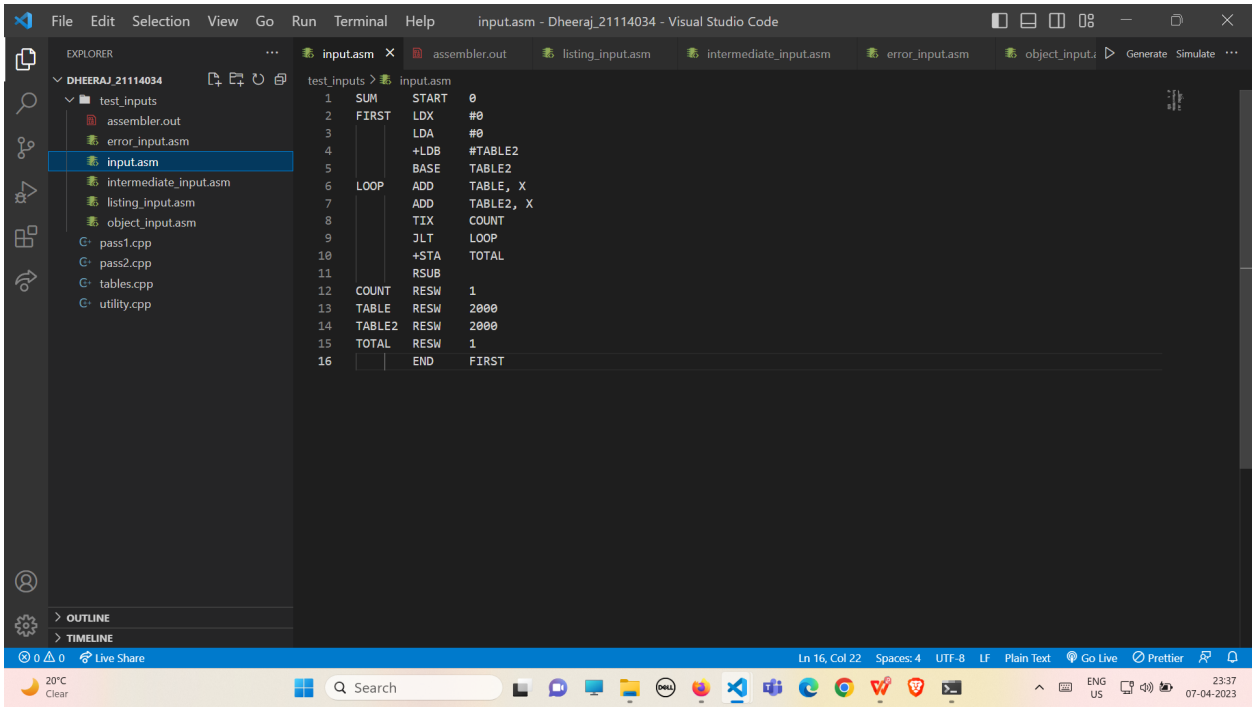
- Download the zip folder containing the assembler.
- Extract the zip folder.
- Open the terminal and navigate to the path of the extracted folder.
- It is advisable to use a WSL or linux environment to run else depending on the version of the software, it may or may not run properly.
- Run the command :

  g++ -std=c++11 pass2.cpp -o assembler.out
- A file named **assembler.out** will be created in the folder.
- Move the file to the **test_inputs** folder.
- Navigate to the **text_inputs** folder.
- Run the command :

  ./assembler.out
- The program to be run should be present in the **input.asm** file.
- Enter the name of the file as **input.asm .**
- The output has been written to the respective files.
- The errors if any will be listed in the file named **error_input.asm** .

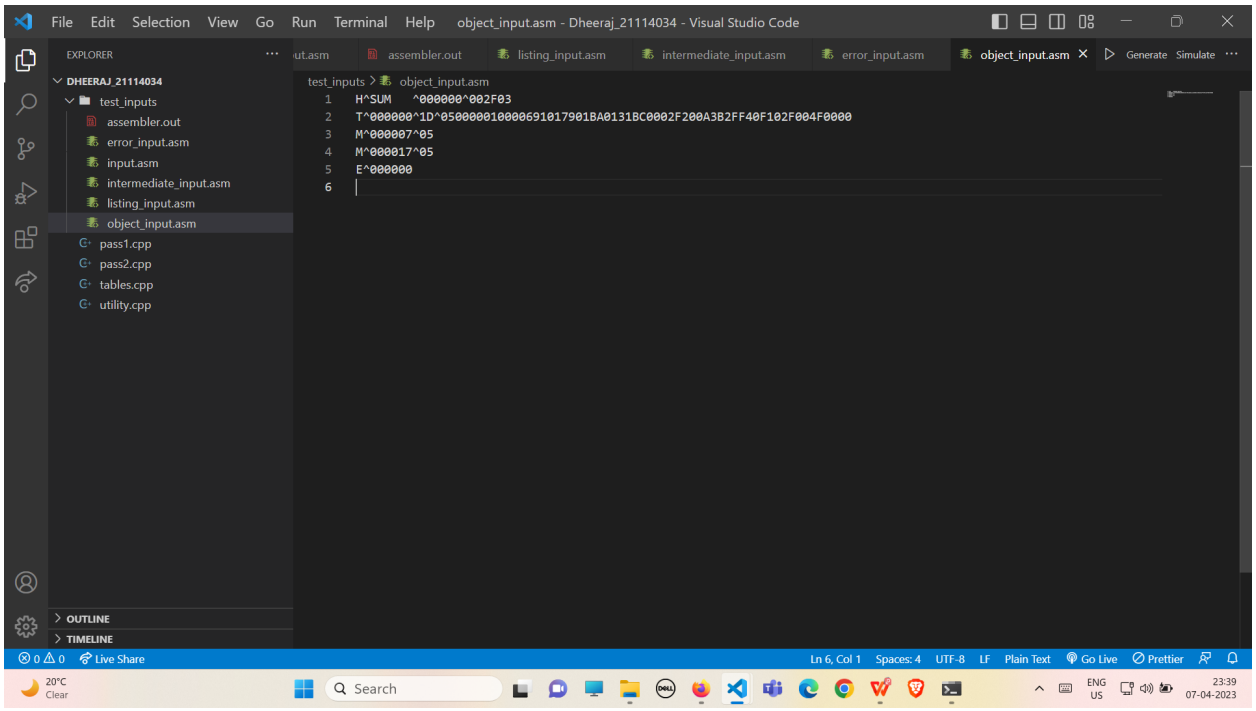
SAMPLE PROGRAM RUN

Input



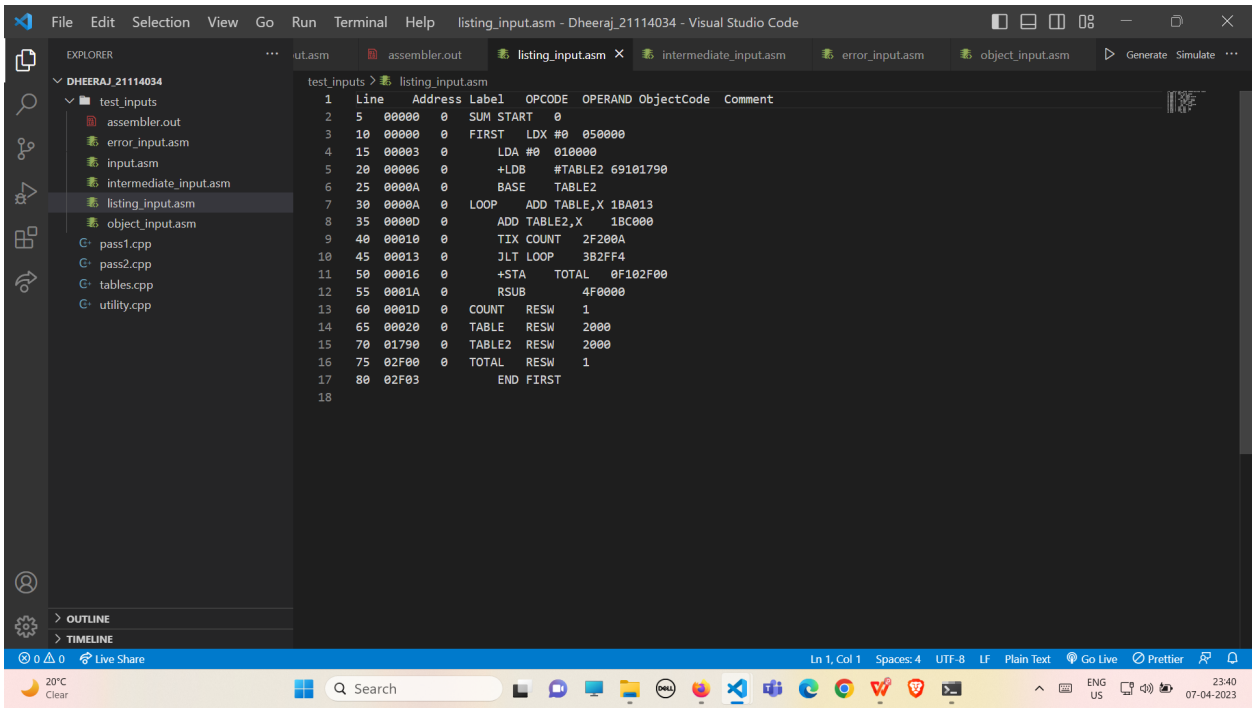
OUTPUT

Object Code



Other Intermediate Files

listing_input.asm



intermediate_input.asm