

Those are the steps to run the compiler

1. Open Command line(cmd) or windows PowerShell
2. Go to the directory that have the compiler (using cd command)
3. Type .\Compiler.exe
4. Enter the name of input file ex: testcase.asm (don't forget to type .asm)
(include the input file in same directory of the compiler)
5. Enter the name of output file ex: res.mem (don't forget to type .mem)
6. Enter the name of the instruction memory file name example in our case:
(/processor/FetchUnit/instructionFile/x)
7. The result will be outputted at the mem file

Notes:

Please don't include hidden characters in the file because it will be recognized as syntax error, we have included testcase.asm file that contains the same testcase uploaded on elearn but with applying corrections and removing hidden characters.

If there are syntax error an exception will be thrown

Example from command line:

```
>.\Compiler.exe
Welcome to Assembler :)
Enter the name of input file: testcase.asm
Enter the name of output file: res.mem
Enter the path of memory instance (ex. /processor/FetchUnit/instructionFile/x): /processor/FetchUnit/instructionFile/x
```

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