

USER MANUAL

MINI-PASCAL COMPILER

Version 1.1

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Running the Compiler

This product compiles a Micro-Pascal file to MIPS assembly code. To run the compiler:

1. Navigate to the /product directory in a command prompt or terminal window.
2. Move the pascal file you want to compile to the /product directory.
3. Run this command: `java -jar compiler.jar <inputfile.pas>`.
 - If an input file is not provided, the `example.pas` file will be compiled.
4. The MIPS assembly code will be written to `product/output/MIPS.asm`.
5. The MIPS assembly code can be run in a MIPS simulator such as QtSpim.

Known Issues

- As of version 1.0, The compiler is unable to handle function and procedure calls.
- As of version 1.0, The compiler cannot handle integer values greater than or less than 32767.
- As of version 1.0, The compiler cannot handle floating point values.