USER MANUAL

MINI-PASCAL COMPILER

Version 1.1

William Mork

Augsburg University

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>.
>
> 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.