HOW TO USE:-

This emulator is designed to run on 32-bit and 64-bit systems.

To use this application:-

- First, download all the source files along with the Makefile file directly from Github or use this command line to download it on your local computer:

  git clone https://github.com/srsarangi/riscv-emulator.git

- Make sure your system has gcc software to run a C program.
- Go inside that directory where you have downloaded it.
- Now, go inside the "riscv-emulator-main" directory (where Makefile resides).
- Use the "make" command on Cygwin or Linux command prompt to create the executable file.
- Run an assembly program using:
  ./riscem <path/assembly filename.asm>
- Use the "make clean" command to remove the executable file and all the object files.
- Your RISC-V assembly code must include a .main label from where execution will start.