HOW TO USE:-

This emulator is designed to run on 32-bit and 64-bit system. It may give unexpected result if you will use it on other operating system.

To use this application:-

- First download MAINFILE.c along with all header files 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 and compile it using command
  gcc MAINFILE.c
- Or compile it on your reliable software that you use for compilation of your .c file.
- When MAINFILE.exe is created. To run RISC-V assemble code use

   MAINFILE filename.asm

  on your command prompt

                          or

- Write "make" on Cygwin or Linux command prompt to run Makefile and run a program using
       riscem <assemblyfilename>
- Your RISC-V assembly code must include .main label from where execution will start.