

## README

### **\* Instructions to compile and run the server program -**

- Load all the files.
- Use the following command to compile server file- `gcc server.c -o server -lpthread -lrt`
- Use the following command to execute server file- `./server`

### **\* Instructions to compile and run the program -**

- Load all the files.
- Makefile script is included to compile the files.
- Use make command to run makefile script.
- Use `./computer.exe` command to run the files.
- When shell prompts for CID, enter CID number.
- Shell prompts are for user input.
  - 0 - terminate
  - 1- submit
  - 2- register
  - 3- memory
  - 4- readyQ
  - 5- PCB
  - 6- printer
- The input files are termed as prog0.txt etc.,. Enter the filename and base.
- CPU outputs are being displayed after terminate command input to the shell.
- An idle program is added which will be called once all the userprograms gets executed and runs in a infinite loop.

Note- I have tried my best to achieve most of the functionalities as per ask, however, due to large content in multiple files, there might be minor deviations in the procedure followed, but the functioning remains the same.