

## **We implemented and tested successfully all the required modules in our simos.**

MLFQ - Implementation completed for all policies. As part of this, made changes in process.c, clock.c and simos.h. To test MLFQ independently, please use these three files and run with other required .c and .o files provided by the professor.

loader.c - Implementation of loader.c completed for both simple paging and virtual demand paging and is tested successfully.

paging.c - Implementation of both simple paging and virtual demand paging(using aging policy) are completed and are tested successfully.

### **Point to be noted while testing:-**

- 1) To remove unnecessary “.o ” files use “**make clear**” command.
- 2) To run our terminal set path to “**simos**” folder present in “**SimOS\_Batch02**”.
- 3) Use “**make**” or “**./batch2.exe**” (if available) command to run and start the OS.
- 4) We created a new command “**c**” to clear our OS screen.
- 5) To see the executed results, use “**terminal.out**” and “**debug.tmp**”.
- 6) To validate results in “**debug.tmp**”, please check whether required debug’s are enabled in config.sys.
- 7) Please use “**T**” to terminate the OS and use “**exit**” shell command to make sure all jobs are stopped.
- 8) We didn’t use semaphore concept for run time thread synchronization in process implementation (process.c), as it wasn’t covered yet in our course.

Note:-

If any unsolved file permission problems use “**chmod 777 \***” in simos file, no sticky bit is set to these files.