**Assignment No.3**

**Write-up**

3. Thread management using pthread library. Implement matrix multiplication using multithreading. Application should have pthread\_create, pthread\_join, pthread\_exit. In the program, every thread must return the value and must be collected in pthread\_join in the main function. Final sum of row column multiplication must be done by main thread (main function).

* What is thread?
* Types of threads: User level and Kernel level
* What is multithreading?
* What is POSIX?
* Pthread Library
* pthread\_create()
* pthread\_join()
* pthread\_exit()
* Compilation command