Q. 1 Perform these linux commands:

* Cal
* Date
* Echo
* Bc
* Passwd
* Who
* Uname
* tty
* cancel
* file
* wc
* pg
* more
* head
* tail
* gzip
* gunzip
* chmod

Q.2 Write a program for matrix multiplication using pthread\_join(). No mutex should be used.

Q.3 Write a C program in which a filename is passed as a command line argument. In case a wrong name or no file name is passed is passed using CLA it should print an error message using perror().

Q.4 Write a C program that continuously print(with a sleep time of 1 second) the process id and the total sleep time. This program should send a SIGINT signal using signal() call, when a particular key is pressed.

Q.5 Write a program using pthread to find out the sum of following series:

1+4+9+16+.......+ n. Here main function should write the final output on screen. Main thread will create the child threads and child threads will find out the sum of series.