MOTIVE: Both the original and final file should be identical, with most of the corner cases handled.

1. File Generator

Create fixed size file say 10MB with Random Data

1. File System Traversal
   1. Write a program which will accept a filename as parameter and traverse through the test directory to find that file.
   2. Add wild card option to the filename

FileName starts with substring

Filename ends with substring

Filename Contains substring

Eg: FileN\* , \*Name, \*ilenam\*

1. Copy Application

Read from that file using multiple threads each thread reading 1MB data from the file. & Store each data (1 MB) in a node of linklist.

Sort the node according to the sequence of data in the file.

Write data the data in a different file using again different threads (1MB each).

NOTE: Use resource lock for linklist.