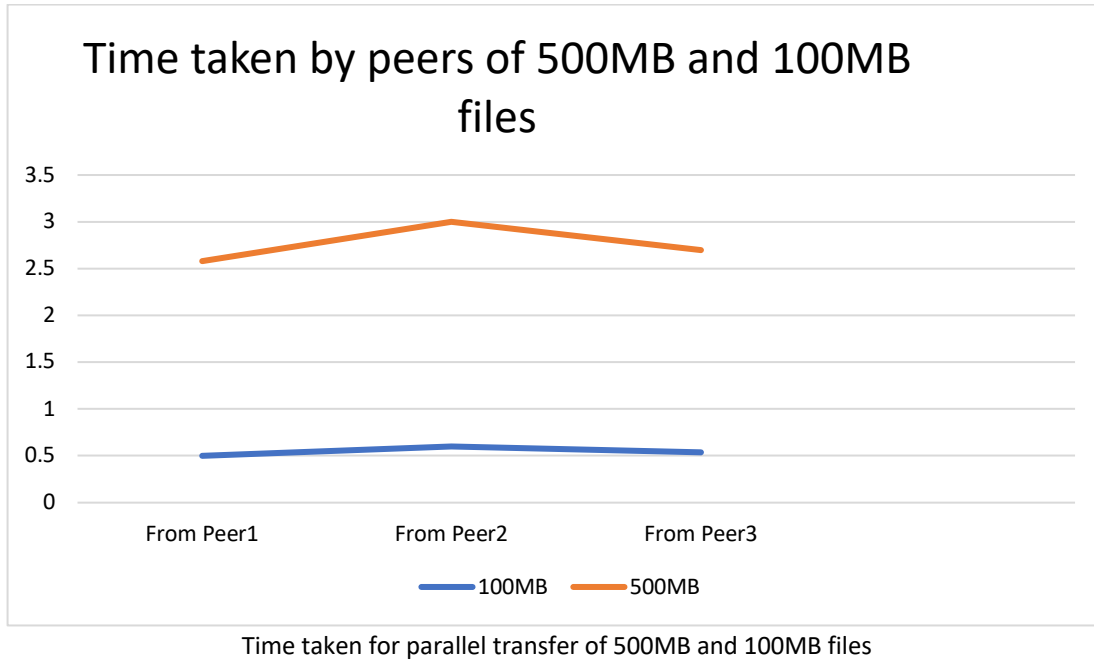# Performance Results

For the proper performance evaluation, we have plotted some graphs to get the clear outline. We compare the time taken to transfer 100MB file and 500MB file and plotted the graph shown below. From this graph we can conclude that for a large file it needs more time for downloading from any server.

Time taken for parallel transfer of 500MB and 100MB files

And in another case, we run a sequence of operations together to make multiple request of 1kb files and accordingly plot the graph with respect to time required. The blue line shows the 100 sequence of files, orange line shows the 200sequence of file and grey line represents the 300 sequence of files. And we can see for 300 sequence the time required is increasing with each peer. By this graph we can clearly see that when the number of files are increased then the time is increased exponentially.