What happens when google is typed in browser?

<https://medium.com/@maneesha.wijesinghe1/what-happens-when-you-type-an-url-in-the-browser-and-press-enter-bb0aa2449c1a>

Given 2 function : isStsts(path) -  it will print all the stats of the file, like file name, size, last modification etc

                   listDir(path) -  return all the file+dir name in file

root/Dir1/dir2/a.txt

root/Dir1/b.txt

root/c.txt

d.txt

.

.

etc

In linux system print all the file stats - Implement via single thread(write complete code)/multithread (modify existing code)

File handling and accessing already sorted file based on offset.

 Data encryption algorithm what is the basis

10.Assembly program to increment value of variable without using direct operand method

Find top 10 words in a very large file. Final solution using both hash table and sorted set. Discussed priority queue also.

Synchronization Mechanisms in OS: semaphores, mutex

IPC: shared memory, pipes, message queues

thread synchronization

Binary search inside sorted file

LRU cache