IDHSQAS01

– What data structure would you mostly likely see in a non-recursive implementation of a recursive algorithm?

Select one:

○ Tree.

○ Queue.

◉ Stack.

○ Linked-List.

IDHSQAS03

– Which of the following is a hash function?

Select one:

○ Folding

○ Quadratic probing

○ Chaining

◉ Hashing

○ Open addressing

IDHSQAS04

– If h(k) is any hash function and is used to hash N keys into a table of size M, where N < M, the expected number of collisions involving a particular key X is?

Select one:

○ Less than M

◉ Less than N

○ Less than (N+M)/2

○ Less than 1.

IDHSQAS05

- The process of accessing data stored in a serial access memory is similar to manipulating data on a?

Select one:

○ Queue.

○ Binary Tree.

◉ Stack.

○ Heap.