

SNS COLLEGE OF TECHNOLOGY Coimbatore-37. An Autonomous Institution



COURSE NAME : 23CAT602 - DATA STRUCTURES & ALGORITHMS

I YEAR/ I SEMESTER

UNIT – III SORTING & SEARCHING

Topic: Hashing

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HASHING



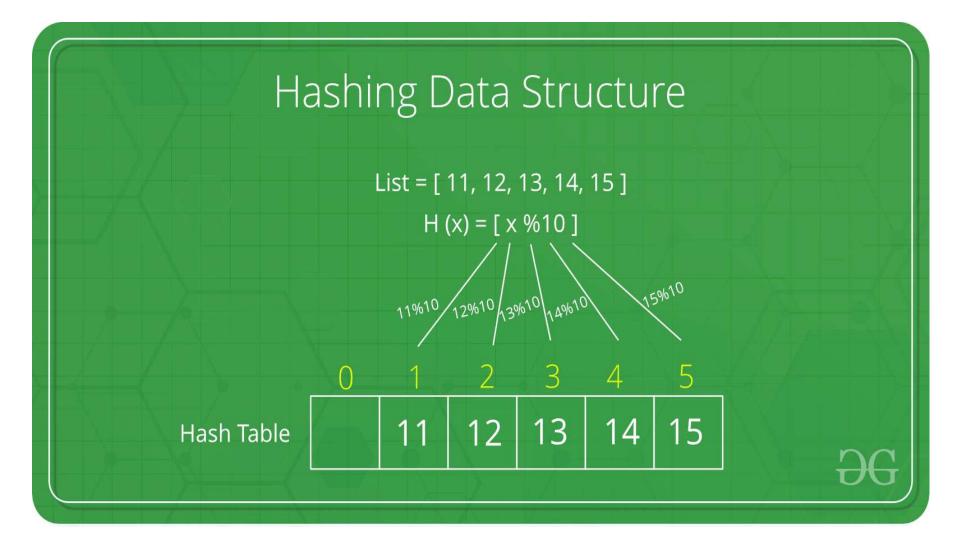
Hashing is a technique or process of mapping keys, and values into the hash table by using a hash function. It is done for faster access to elements. The efficiency of mapping depends on the efficiency of the hash function used.

Let a hash function H(x) maps the value x at the index x%10 in an Array. For example if the list of values is [11,12,13,14,15] it will be stored at positions $\{1,2,3,4,5\}$ in the array or Hash table respectively.



HASHING









THANK YOU