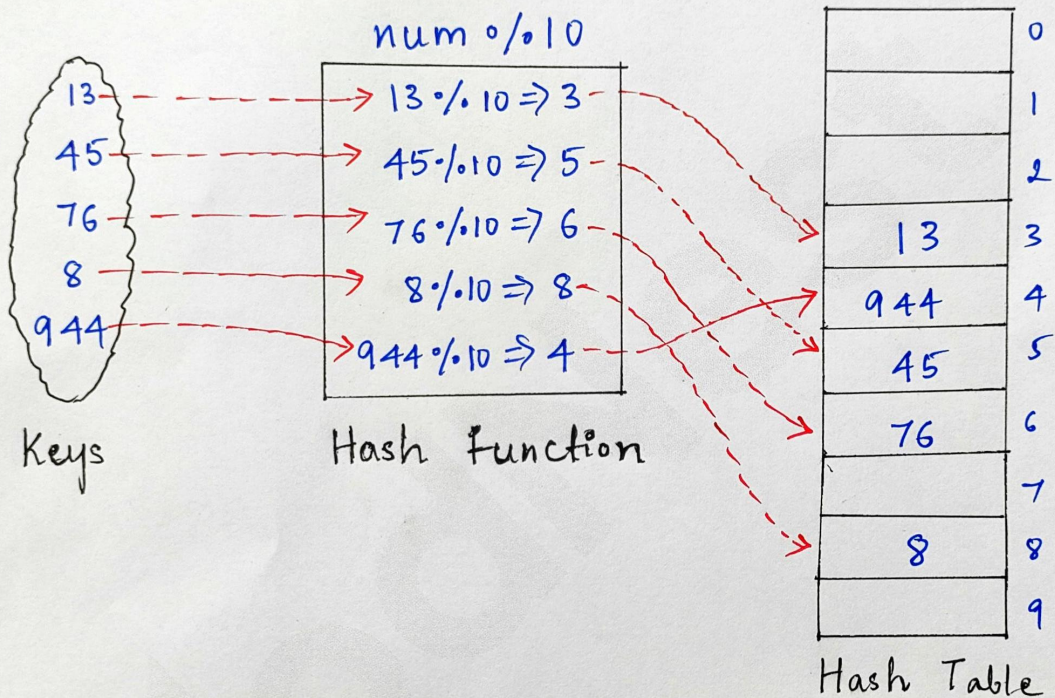


Hashing

Hashing is an algorithm which is often considered to be the most efficient searching algorithm.



Keys: Keys refers to the element which needs to be inserted/searched.

Hash function: Hash function is an algorithm to which the key is provided. The Hash function generates a unique value (like an index number) based upon the key.



Based on the unique value generated by the Hash function, the key is allotted place on the hash table.

Hash Table: Hash Table is considered to be a data structure where our keys would be stored.

