UNIT – II

COMPARISON OF HASHING AND SKIP LISTS.

Skip List	Hashing
1. Skip list is a type of data structure that can be used as an alternative to balanced (binary) trees	**1.** Hashing is a technique that is used to uniquely identify a specific object from a group of similar objects
2. Skip lists are used to implement dictionary operations using randomized processes.	**2.** This method is used to carry out dictionary operations using randomized processes.
3. It does not require hash function.	**3.** It is based on hash function.
4. The sorted data improves the performance of skip list	**4.** If the sorted data is given then hashing is not an effective method to implement dictionary.
5. The skip lists are not that much effecient.	**5.** Hashing is an efficient method than skip list.
6. The best skip list implementation will have O(log n) for insertions, searching and deletions.	**6.** Perfect hash table will have O(1) constant time for the same operations.