Assignment-6.

Q Write the various type of file access technique you know. What do you understand by hashing?

There are three ways:-
Sequential access
Direct access
Index sequential Method.

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 eg: 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.

1