Q43. What is the difference between hash map and Hash table? \*

Hash map:

1. It is one of the Collections framework to store data. Hash Map is a class that implements Map Interface. It is non-synchronized, non thread-safe, can’t be shared between many threads.
2. It stores data in key-value pair format. We can access the value using key. get() and put() methods are used to store and retrieve the values.
3. Key can never be duplicated but values can be duplicated.
4. It is an unordered collection. It does not maintain the insertion order.
5. It allows only one null key and multiple null values.
6. Fast
7. Traversed by Iterator.

Hash table:

1. It is synchronized, thread-safe, it can be shared between many threads.
2. It does not allow any null key or value.
3. Slow
4. Traversed by Iterator or enumerator.