1. **What is Hbase?**

Distributed *column-oriented database* built on top of the Hadoop file system.

Hbase helps to get quick random access to huge amount of data.

It is a part of the Hadoop ecosystem that provides random real-time read/write access to data in the Hadoop File System

1. **Why Hbase?**

We know that Hadoop is distributed file system which can store structured, semi structured and unstructured data but Hadoop has some disadvantages.

Using Hadoop we can perform only batch processing and the data which is accessed is sequential manner. It means we have to parse entire data set even for small operation.

So when we process Huge set of data it will result in another huge set of data. We should also process that in a sequential manner. So at this point we need a solution to access any point of data in a single unit of time.

1. **List down Hadoop Random access databases?**

HBase, Cassandra, couchDB, Dynamo, and MongoDB.

All these databases stores huge amount of data and can access the data in random fashion.

1. **Can we store data to HDFS using Hbase?**

Yes we can store data to HDFS Via Hbase or we can also store the data directly to Hadoop

1. **What is the difference between Hbase and HDFS?**

