ASSIGNMENT 16

Aim: Implement the aggregation and indexing with suitable example on above Mongo B database. Demonstrate following:

· Aggregation framework

· (reate and drop different types of indexes and explain () to show the advantage of the indexes.

Problem Statement: Implement the aggregation and indexing on Mongook database. Demonstrate following:

· Aggregation framework

· Create and drop different types of inclexes and explain() to show the advantage of the indexes.

Objective: To understand the concept of aggregation in Mongo DB.

To implement concept of document oriented databases.

Theory :

- · New feature in the MongoDB 2020 production release
- · personed with specific goals of imprioring performance and usablity.
- · Returns result set inline
- · supports non-sharded and sharded input collections
- · Uses a "pipeline" approach where objects are transformed as they pass through a series of pipeline operators such as matching, projecting, sorting and grouping.

 · Pipeline operators need not produce one output
- downent for every input downent. Operators may also generate new downents or filter out downents.

Implementation of aggregation:) use Teacher switched to db Teacher