Pune District Education Association's
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Assignment No.-10

Aim:

Implement aggregation & indexing with suitable example using mongodb.

Theory:

Aggregation operation process data records & return computed results.

Aggregation pipeline:

mongodb's aggregation framework is modeled on the concept of data processing pipeline.
The concept of document enter a multi. an aggregate result.
The most basic pipeline stages provide filter that modify the form of the output document like quiries & document & transmi-ssion that modify the teem of the output document.

Indexes:

Indexes support the efficient the execution of a mongodb in the indexes mongo-db must perform a collection then indexes store a portion of the collection that set in an easy to traverse from the index stores the values of a specified field or set of fields, order by the value of the fields.

The ordering of indexes entries support efficient equility matches & range based query operations.

In addition managed an law stores result by the size ordering in the under this index.

collection ↓ Query criteria

db. users. send [{ score: { $ lt 1: 30}}) sort
score : -1)
↓
sort order

Conclusion :-
Hence, we have successfully the implement & indexing using the mongo db.