Assignment-B2

Title: Design & develope mongods quernie susing crub operations.

Problem Statement:

Design & develope mongo-DB. Querries using CRUD operations (Use CRUD operation, SAVE method, logical operations, comparative operations & embedded documents)

Objective: To understand & emplement crub operations in mongobs.

5/W & H/W: MongoDB, Fedora OS

outcome: - Implement the commands

mongoDB in

Theory !-

CRUD operations.

from of JOON objects. so every

record for a collection. In morgo
is called a document. If the collection
does not currently exert, insert
operations will create the collection
we can reter insert documents into
collection in 3 ways.

1) Prisest One()

(ii) Prosest Many ()

R- Read -

From collection using 2 methods.

· Find - one () ·

Frade) functional will return all the documents on that collection by default of returns a cursor objects.

fond one (): returns the first docum.

D- Delete -

Pro that collection using following methods.

deleterone().

Both of these methods will return a peleteresult object the general syntax As above methods

<method. name> (condition).

U-Update-

From the collection with the following

replace-one ().

The general syntax for all the above method is

Emethodrame > C condition, update, upsest = false, bypass document validation = false).

Logicoel querry operators

sor: Joins query clauses with a logical or returns all elocuments that match the condition of either clause.

{ gar [{expression}}, {expression}}, }

sand - Joins query classes with a logical AND returns all documents that match the conditions of both clauses

{ dand : [{ cexpressions}, { cexpressions}, ...]}

shot - Invests the effect of a query expression of returns documents that do not match the query expression.

{ field: { \$ not | { < operator exprepression > }}

\$nor- Johns query clauses with a logical NOR return all documents that fail to match both clauses.

{ \$ nor: [{cexpression>3, {cexpression>3,}

Conclusion:

successfully using logical, comparators operators.