Title: MongoDB map-reduce operations Problem Statement: Implement map-reduce operations with suitable example using Mongotos Objectives: -> To understand the concept of map reduce as data processing paradigm for condensing large volumes of data into useful aggregation results. S/W & H/W requirements: Windows 10,64 bit, 8GB RAM, SIZ GR SSD, Mangoth 5.0 Map Reduce is a data processing paradigm for condensing large volumes of data into useful aggregated results. following is the syntax of the basic mapkeduce command. db. collection_name. mapleduce (function () ? emit (key, value); 3, function () ? (key, value)? return reduce function }, 3 query: document, outsort: document 3)

In the above Syntax, map is a Javascript function that maps a value with a key and emits a key-value pair maps a value with a key and emits a key-value pair maps all the documents having the come key.

Out specifies the location of the map-reduce query sexult.

Query specifies the optional selection criteria for selecting documents.

Conclusion:

Succenfully implemented map Reduce operation in Morgo DB: