

Assignment No. - 11

Aim :-

implementation of map reduce operation with suitable example using mongoddb.

Software Requirement :-

- Computer with the linux / windows complete system computer source opening system, mongoddb.

Theory :- Pune District Education Association

Map - reduce :-

Map reduce is a data processing paradigm for condensing large column of data into useful aggregated results, for the map - reduce operation, mongoddb provides database command.

collection



```
db.orders.mapreduce(
  map → function() { emit (this.cust-id, this.amount); },
  reduce → function (key, values) { return array function sum values }
  {
    query → query : { status : "A" },
```


output → out : "order-total" }

In this map reduce operation mapreduce applies the map function emits key value have the those keys that have the multiple values, mapreduce.

Mapreduce applies the reduce phase, which collects & condenses the aggregate data mapreduce then stores the results in collection optionally, the output of the reduce function may flow through finalize function to further end use, or process the results of the aggregation.

All map reduce function is mapreduce one is performed within the mapreduce process map reduce operation take the documents of a single collection on the input & can perform on the results of a map-reduce the results of a map-reduce operation on a document may write the results to collections input & the old collection may be overwritten the result.

Conclusion :-

Hence, we have implemented the map reduce operation using the mapreduce successfully.

✓

Pune
College
M

Aim :-

Mapreduce

Theory

to insert
a conn
in the
database

< PHP

11 Co

\$m

echo

11 sel

\$d

echo

14her

the

Can

my

17 fo

11

\$