

Assignment 15

→ Problem Statement :

Implement map reduce operation with the suitable example on above mongoDB database.

→ Theory :

- 1. Used for processing large datasets.
- 2. Can choose from one of the several output options.
- 3. Map Reduce functions are written in javascripts.
- 4. Support non-shared & shared input collection
- 5. Can be used for incremental aggregation over large collection

● Example :

```
var reduce function_1 = function(key,values){  
    return array-sum(values);  
}
```

db.order.mapReduce {

map function 1, reduce func. 1 {

query: {status: "A"},

at: "order.total"

}

}

→ Conclusion :

Topics Covered :

1. Concept of Map Reduce.
2. Advantages of Map Reduce.