

## 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"  
}

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→ Conclusion :

Topics Covered :

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