QUEIRES

**1 Demonstrate the usage of $match,$group,$ aggregate pipelines**.

db.student.aggregate([

{

$match: {Subject1 :100} },

{$group :{ \_id:”Name”,total\_count:{$sum :”$Subject1” } } } ] ) ;

**2 .Count the number of students who had passed in at least 2 subjects**.

Db.student.find({ $or :[ { $and :{ { Subject1: {$gt :35}},{ Subject2: { $gt :35}}, { $and :{ { Subject1: {$gt :35}},{ Subject3: { $gt :35}},{ $and :{ { Subject3: {$gt :35}},{ Subject2: { $gt :35}} ]}]}).count();

**3.Demonstrate the Map-reduce aggregate function on this dataset**.

var mapperfunction = function() { emit (this.Name.,this.Subject1) } ;

var reducerfunction = function(Name,Subject1) {

return Array.sum(Subject1) ; } ;

db.student.mapReduce(mapperfunction,reducerfunction, {out : “myoutput”}) ;

**4. Demonstrate the alter and drop commandson this dataset**

db.student.update( {USN :”1NT18IS119” },{$set : {Name:”yogeshwari”}}) ;