

LAB- 3

1BM17CS081

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Connect Collection IntelliShell SQL Aggregate Map-Reduce Compare Schema Tasks Export Import SQL Migration Users Roles Server 3T Feedback

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Lab3.js - Lab4.js

```

1 use local
2 db.createCollection('Student')
3 db.Student.insert({rollno: 1, name: 'AAA', age: 20, pno: 1234, email: 'a@a.com'})
4 db.Student.insert({rollno: 5, name: 'BBB', age: 21, pno: 2345, email: 'b@b.com'})
5 db.Student.insert({rollno: 10, name: 'CCC', age: 19, pno: 3456, email: 'c@c.com'})
6 db.Student.insert({rollno: 11, name: 'ABC', age: 22, pno: 4567, email: 'd@d.com'})
7
8 db.Student.update({rollno: 10}, {$set: {email: 'e@e.com'}})
9
10 db.Student.update({rollno: 11}, {$set: {name: 'FEM'}}, {upsert: false})
11
12 db.Student.find()
13 mongoeexport --collection=Student --db=local --out=temp.csv
14 db.Student.drop()

```

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50 Documents 1 to 4

Table View

id	rollno	name	age	pno	email
5f7ee2483d97d...	1.0	AAA	20.0	1234.0	a@a.com
5f7ee24a3d97d...	5.0	BBB	21.0	2345.0	b@b.com
5f7ee24b3d97d...	10.0	CCC	19.0	3456.0	e@e.com
5f7ee24c3d97d...	11.0	FEM	22.0	4567.0	d@d.com

Operations 1 document selected Count Documents 0.020s

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Lab3.js - Lab4.js

```

1 use local
2 db.createCollection('Customers')
3 db.Customers.insert({cId: 1, cur_acc_bal: 1500, acc_bal: [100, 1400, 1600, 1500], acc_type: 'Z'})
4 db.Customers.insert({cId: 2, cur_acc_bal: 500, acc_bal: [1000, 1200, 1500, 500], acc_type: 'Y'})
5 db.Customers.insert({cId: 3, cur_acc_bal: 1000, acc_bal: [400, 500, 600, 1000], acc_type: 'Z'})
6 db.Customers.insert({cId: 4, cur_acc_bal: 1300, acc_bal: [700, 1200, 1000, 1300], acc_type: 'Y'})
7 db.Customers.insert({cId: 5, cur_acc_bal: 1400, acc_bal: [400, 200, 1200, 1400], acc_type: 'Z'})
8
9 db.Customers.find()
10 db.Customers.find({cur_acc_bal: {$gt: 1200}, acc_type: 'Z'}, {})
11 db.Customers.aggregate([{$project: {balMin: { $min: '$acc_bal' }, balMax: { $max: '$acc_bal' }}}]);
12
13 mongoeexport --collection=Customers --db=local --out=custTemp.csv
14 db.Customers.drop()
15

```

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50 Documents 1 to 5

Table View

id	balMin	balMax
5f7ee341fec22...	100.0	1600.0
5f7ee341fec22...	500.0	1500.0
5f7ee342fec22...	400.0	1000.0
5f7ee343fec22...	700.0	1300.0
5f7ee343fec22...	200.0	1400.0

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