

5/10/20

# BDA Lab-2

DATE

PAGE

SYED ABDUL SAMAD  
IBM17CS109

1) Use Company;

```

db.createCollection ("Employee");
db.createCollection ("department");
db.employee.insert ({_id: 1, "Name": "Syed", dept: "CSL",
"age": 20, "Address": "xyz"});
db.employee.insertOne ({_id: 2, "Name": "Abdul", dept: "Mech",
dept_num: 1000, "age": 21, "Address": "lmn"});
db.employee.insertMany ({_id: 3, "Name": "Somed",
dept_num: 1001, "age": 25, "Address": "pqr"});
({_id: 4, "Name": "Syed", dept_num: 1002, "age": 26,
"Address": "abc"});

```

```

db.department.insert ({_id: 1, dept_name: "CSL",
dept_num: 1000});
db.department.insertOne ({_id: 2, dept_name: "Mech",
dept_num: 1001});
db.insertMany ({_id: 3, dept_name: "ECE", dept_num: 1002},
({_id: 4, dept_name: "ECE", dept_num: 1003}),
({_id: 5, dept_name: "CSL", dept_num: 1004});

```

2) Update

```

db.employee.update ({_id: 1, Name: "Syed"},
{$set: {"Hobbies": "Cricket"}}, {upsert: true});

```

3) Remove

```

db.employee.update ({_id: 1, Name: "Syed"},
{$unset: {"hobbies": "Football"}}, {upsert: true});

```

4) Select all

```

db.employee.find ({});
db.department.find ({});

```

- 5) db. employee.find ({ department: { \$gt: 1000, \$lt: 1005 }, \$or: { None: true, dept: true } })
- 6) db. employee.find ({ None: { \$regex: "A" } })
- 7) db. employee.find ({ "Age": { \$gt: 30 } })