TANMOY DEBNATH
IBM17CS113

BDA LAB - 5/10

① Create ⇒ use company

```
db. createCollection ("employee");

db. createCollection ("department");

db. employee. insert ({ id: 1, "Name": "Tanmoy",
"department": "cse", "age": 21, "contact":123});

db. employee. insertOne ({ id:2, "Name": "Kaka",
"department": "ise", "age": 20, "contact": 152 });

db. employee. insertMany ({ id: 3, "Name": "Roy",
"department": "ece", "age": 21, "contact": 343},
{ id: 4, "Name": "Alex.", "department": "cse",
"age": 20, "contact": 567});

db. department. insert ({ id: 1, "DepName": "cse",
"deptID": "101", "noofemp": "50"});

db. department. insertOne ({ id: 2, "DepName": "ise",
"dept ID": "102", "noofemp": "50"});

db. department. insertMany ({ id: 3, "DepName": "ece",
"deptID": "201", "noofemp": "70" }}, { id: 4,
"DepName": "eee", "deptID": "202", "noofemp": 70}});
```

② Update

```
db.employee.update ({id : 1, "Name" : "Tanmay"},
    { $set : { 'Hobbies' : "swimming"}},
    $upsert : true });
```

③ Remove

```
db.employee.update ({id : 1, "Name" : "Tanmay"},
    { $unset : { "Hobbies" : "swimming"}},
    $upsert : true });
```

④ Select all

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

⑤ `db.employee.find { Name : { $regex : "^A"})`

⑥ `db.employee.find ({"age" : { "$gt" : 20}}),`

⑦ `db.employee.find ({{ deptID : { $gt : 100,`
   `"$lt" : 200}}, {Name : true, DID : true});`