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BATCH 1
IBM17CS111

1. Creations of Collections:
   db.createCollection("Employee");
   db.createCollection("Department");

2. Insert
   db.Employee.insert({_id:1, name: "Tanisha"
   age = 21, gender:"Male", dep_id = 1603"});

   db.Department.insert({_did = 10, name:
   "CSE", hod: "XYZ", email:" xyz@gmail.com"});

   Operations:-

   Update employees collection to add new field:
   db.Employee.update({_id:"CS091"}
   {$set: subject : "BDA"}});

   Remove field from existing document:

   db.Employee.update({_id:"CS098"},
   {$unset:{subject: "BDA"}});

   * select all documents from both collections:
   db.Employee.find({});
   db.Department.find({});
   · select emp_name & dept_number whose
   dept, number falls between 1001 to 1005.

   → db.Employee.find({ dept_id {$gt:"1001"},
   dept_id = {$ia:"1005"}}, {name:1,
   dept_id:1});

select emp_docs whose name begins
with 'A'.
```
db.Employee.find({name:/^A/});
```

- Select employ whose age >30
```
db.Employee.find({age:{$gt:30}});
```

Inserting documents:

```
db.Employee.insert one({_id:2, name:"ABC",
age:25, gender:"Male", dept_id:1001});
```

```
db.Employee.insert Many({_id:3, name:
"Neal", age:28, gender:"Male",
dept_id:"1002"},
{_id:4, name:"Tan", age:25,
gender:"Male", dept_id:1003});
```

```
dp.Department.save({_id:1002,
name:"ECE", hod:3, email:"ece@gmail.
com});
```

```
db.Department.insertMany({_id:1003, name:
"EEE", hod:4, email:"eee@gamil.com"},
{_id:1004, name:"ISE", hod:5, email:
"ise@gmail.com"});
```

```
db.Employee.save({_id:5, name:"X.Y2",
age:20, gender:"Male", dept_id:1004});
```

```
db.Employee.update({_id:2, name:"ABC"},
{$set:{dept_id:1005}, {upset:true}});
```

```
db.Department.update({_id:1005, name:"ME"},
{$set:{email:"me@gmail.com"}{upset:true});
```