1. Creation of collections:
db. CreateCollection ("Employee");
db. CreateCollection ("Department");

Insert:

2. db. Employee. insert ({ e_id : 1 "cs098", name: "Shreyas", age : 21, gender : "Male", debt_id : 1001 "CSE" });

db. Department. insert ({ did : "cse 1001", name: "CSE", hod : "cse 2, strength 40, email: "cseoffice@bmsce.ac.in" });

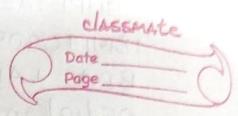Operations:

3. update employee collection to add new field:
db. Employee. update ({ _id : "CS098" }, { $set : { subject : "BDA" } });

4. Remove a field from existing document :
db. Employee. update ({ _id : "cs098" }
{ $unset : { subject : "BDA" } });

5. Select all documents from both collections:
db. Employee. find ({});
db. Department. find ({});

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* Select emp_name & dept_number whose dept. number falls between 1001 to 1005.

```
db. Employee. find ({ dept_id :{$gt:"1001"
    dept_id : {$lt : "1005" } }}, {name : 1,
    dept_count_id : 1 });
```

* Select emp docs whose name begins with 'A'.
```
db. Employee. find ( {name : /^A/ });
```

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

Inserting documents:

```
db. Employee. insertone ({ _id : 2, name :"Varun",
age : 27, gender :"Male", dept_id : 1001 });
```

```
db. Employee. insertMany ({ _id : 3, name : "Arun",
age : 20, gender :"Male", dept_id : 1002 },
{ _id : 4, name :"Tarun", age : 25, gender :"Male",
dept_id : 1003 });
```

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```
db. Department. insertOne ({ _id: , 1002,
name: "ECE", hod: 3, strength email: "eceoffice
bmsce ac in" });
```

```
db. Department. insertMany ({ _id: 1003, name:
"EEE", hod: 4, email: "eeeoffice@bmsce.ac.in"}
{ _id: 1004, name: "ISE", hod: 5, email:
"iseoffice @ bmsce. ac.in"});
```