

①

Name: Saumya Shahu
USN: IBM17CS091

```
use company;  
db.createCollection("employee");  
db.createCollection("department");  
db.employee.insert({_id: 1, employee_name: "Saumya",  
age: 20, department-no: 1001});  
db.employee.insertOne({_id: 2, employee_name: "Ganai",  
age: 21, department-no: 1002});  
db.employee.insertMany([ {_id: 3, employee_name:  
"Martha", age: 19, department-no: 1001},  
{_id: 4, employee_name: "Stark", age: 32, department-no: 1002},  
{_id: 5, employee_name: "Rachel", age: 30, department-no: 1005},  
{_id: 6, employee_name: "Arya", age: 31, department-no: 1004}  
]);  
db.department.insert({_id: 1, department_name: "CSE",  
department-no: 1001});  
db.department.insertOne({_id: 2, department_name: "ISE",  
department-no: 1002});  
db.department.insertMany([ {_id: 3, department_name:  
"EEE", department-no: 1002},  
{_id: 4, department_name: "ECE", department-no: 1003},  
{_id: 5, department_name: "ME", department-no: 1004}]);
```

2. Update

```
db.employee.update({_id: 1, name:
  employee_name: "Saumya"},
  { $set: {"hobbies": "chess"}, {upsert: true}});
```

3. Remove

```
db.employee.update({_id: 1, employee_name:
  "Saumya"}, { $unset: {"hobbies": "chess"},
  { upsert: true}});
```

4. Select all

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

```
5. db.employee.find({ department_no: { "$gt": 1000,
  "$lt": 1005 }}, { employee_name: true, department_no
  : true });
```

```
70. db.employee.find({ "age": { "$gt": 30 }});
```

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6. db.employee.find({ employee_name: { $regex: "^A" }});
```