

BDA LAB2.

> use Company

switched to db Company

> db.dept.insertOne({

"_id": "E001", "name": "EE"

"HOD": "umadevi", "number": "94694676"

{ "acknowledged": true, insertedId: E001 }

> db.createCollection("Employee")

> db.Employee.insertMany([

{ "id": ObjectId("545..."), "P-name": "Ram",

"userId": "Ram01", "dept-code": "1002" }

{ "id": ObjectId("67A..."), "P-name": "sham",

"userId": "sham1", "dept-code": "1003",

"Age": 25 }

> db.Employee.find().pretty()

{ "_id": ObjectId("545..."),

"userId": "Ram",

"P-name": "Ram",

"dept-code": "1002",

"Age": 32

}

{ "_id": ObjectId("67A..."),

"userId": "sham1",

"P-name": "sham",

"dept-code": "1003",

"Age": 25

}

:


```

> db.dept.find().pretty()
{
  "_id" : "EW1",
  "name" : "ECE",
  "HOD" : "Narayan",
  "mail" : "ece@bmsce.ac.in",
  "dept-code" : 1003
}
{
  "_id" : "CS01",
  "name" : "CSE",
  "HOD" : "umadurai",
  "mail" : "cse@bmsce.ac.in",
  "dept-code" : 1002
}
:
:

```

```

> db.Employee.update({ "wrid": "shami" },
  { $set: { "wrid": "sham Sunder" } })
writeResult { "nMatched": 1, "nUpserted": 0,
  "nModified": 1 }

```

```

> db.Employee.update({ "wrid": "Johnny",
  { $set: { id "wrid": "Depp",
    p-name: "Johnny Depp", dept-code: 1005,
    "Age": "35" }, { "upsert": true } })
writeResult {
  "nMatched": 0,
  "nUpserted": 1,
  "nModified": 0,
  "_id": ObjectId("5f7...")
}

```



```
> db.Employee.update({ "woid": "Ram 01",  
  $set: { "salary": 10000 }, $upsert: false },  
  writeResult({ nmatched: 1, nupserted: 0,  
    nmodified: 1 })
```

```
> db.Employee.find().pretty()  
{  
  "_id": ObjectId("546..."),  
  "woid": "Isham Sunder",  
  "p-name": "Isham",  
  "dept-code": 1006, "Age": 25  
}  
{  
  "_id": ObjectId("545..."),  
  "woid": "Ram 01",  
  "p-name": "Ram",  
  "dept-code": 1003,  
  "Age": 32  
}  
{  
  "_id": ObjectId("547..."),  
  "woid": "Dipp",  
  "p-name": "Johnny Dipp",  
  "dept-code": 1005,  
  "Age": 35  
}
```

```
> db.Employee.find({ $and: [{ "dept-code":  
  1000 }], { "dept-code": { $lt: 1006 } } },  
  { "p-name": 1, "dept-code": 1, "_id": 0 })
```

```
{ "_id": ObjectId("545...")
```

```
{  
  "p-name": "Ram",  
  "dept-code": 1003  
}
```



```
{ p-name: "Johnny Depp",  
  dept-code: 1005  
}
```

> db.Employee.find({p-name: /^s/})

```
{ "_id": ObjectId("5f6..."),  
  "userId": "Sham Sundar",  
  "p-name": "sham",  
  "dept-code": 1006,  
  "Age": 25  
}
```

> db.Employee.find({~~p~~ "Age": { \$lt: 30 }})

```
{ "_id": ObjectId("5f6..."),  
  "userId": "Sham Sundar",  
  "p-name": "sham",  
  "dept-code": 1006,  
  "Age": 25  
}
```