TEJASHWINI V
1BM18CS421

Date
Page

LAB-8

use company
db.createCollection("Employee")
db.createCollection("Department")

→ db.Employee.insert({EmpNum:1, "EmpName": "Tejashwini V", "EmpDeptNum": "101", "EmpAge": 20, "EmpContact": 1234567890})
→ db.Employee.update({EmpNum:2, "EmpName": "Shubha S", "EmpDeptNum": "102", "EmpContact": 9876543219"}, {$set: {"EmpAge": 20}, $upsert: true})
→ db.Employee.save({EmpNum:3, "EmpName": "Shweta", "EmpDeptNum": "103", "EmpAge": 20})

→ db.Department.insert({DeptNum: "101", DeptName: "HR"})
→ db.Department.update({DeptNum: "102"}, {$set: {Name: "R&D"}}, {upsert: true})
→ db.Department.save({DeptNum: "103", DeptName: "Research"})

(ii) Updating Employee collection : adding DOJ field

→ db.Employee.update({EmpNum:1}, {$set: {DOJ: "01/05/2000"}})

(iii) Removing DOJ field

→ db.Employee.update({EmpNum:1}, {$unset: {DOJ: ""}})

(iv) Select all documents from both collections

→ db.Employee.find()
→ db.Department.find()

(v) Select EmpName and DeptNum whose deptNum falls between 101 to 105

→ db.Department.find({DeptNum:{"$gte":101,"$lte":105}},{"Name":1,"DeptNum":0})

(vi) Select employee whose name starts with "A"

→ db.Employee.find({"Name":/^A/})

(vii) Select employee document whose age is greater than 30

→ db.Employee.find({"EmpAge":{"$gte":30}})