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db.createCollection("employee");
db.createCollection("Department");

#inserting Employee
db.employee.insert({_id:1,name:"Bhaskar",dept:"HR",age:34,experience:5,email:"bhas@gmail.com",
d_no:1000});
db.employee.insert({_id:2,name:"Bhavya",dept:"Manager",age:29,experience:5,email:"bhav@gmail.c
om",d_no:1010});
db.employee.update({_id:3,name:"Krishna",dept:"Technical",age:26,experience:3},{set:{email:"kri@
gmail.com",d_no:1001}},{upsert:true});

db.employee.update({_id:4,name:"Varshitha",dept:"Technical",age:26,experience:3},{set:{email:"var
@gmail.com",d_no:1000}},{upsert:true});
db.employee.update({_id:4,name:"Varshitha",dept:"Technical",age:26,experience:3},{set:{email:"var
shitha@gmail.com",d_no:1000}},{upsert:false});
db.employee.save({_id:5,name:"Amal",
dept:"Technical",age:30,experience:3,email:"amal@gmail.com",d_no:1000});

db.employee.find({});

#inserting Department
db.Department.insert({_id:1,d_no:1001,name:"Technical",total_count:30});
db.Department.insert({_id:2,d_no:1002,name:"Non Technical",total_count:10});
db.Department.update({_id:3,d_no:1000,name:"HR"},{set:{total_count:5}},{upsert:true});
db.Department.update({_id:4,d_no:1004,name:"CEO"},{set:{total_count:1}},{upsert:true});
db.Department.update({_id:3,d_no:1000,name:"HR"},{set:{total_count:3}},{upsert:false});
db.Department.save({_id:5,d_no:1010,name:"Manager",total_count:5});

db.Department.find({});

#(2) inserting one more attribute
db.employee.update({_id:1},{set:{address:"Bangalore"}});

# (3) removing
db.employee.update({_id:2},{unset:{experience:5}},{upsert:true});

#(4) select all
db.employee.find({});
db.Department.find({});

#(5)
db.employee.find({d_no:{"$gt":1000,"$lt":1010},{_id:0,name:true,d_no:true});

#(6)
db.Employee.find({name:{$regex:"^A"}});

#(7)
db.Employee.find({age:{"$gt":30}});

```