Experiment No.3: MongoDB Queries - Design and Develop MongoDB Queries using CRUD operations. (Use CRUD operations, SAVE method,logical operators etc.).

Code:

```
"_id": ObjectId("5f1d164d5a7c0d0a805b0752"),
   "grade": "A"
db.students.insert({
});
db.students.find();
db.students.find({ "age": { $gt: 20 } });
// Find students who are older than 20 and have a grade of "A" \,
db.students.find({ $and: [{ "age": { $gt: 20 } }, { "grade": "A" }] });
// Find students who are older than 25 or have a grade of "A" \,
db.students.find({ $or: [{ "age": { $gt: 25 } }, { "grade": "A" }] });
// Return only names of students
db.students.find({}, { "name": 1, "_id": 0 });
db.students.update({ "name": "John" }, { $set: { "grade": "A+" } });
// Update grades for students older than 22
db.students.updateMany({ "age": { $gt: 22 } }, { $set: { "grade": "B" } }
db.students.deleteOne({ "name": "Alice" });
```

```
// Delete students younger than 23
db.students.deleteMany({ "age": { $1t: 23 } });

// If a student with the same _id exists, update it; otherwise, insert a
db.students.save({
    "_id": ObjectId("5f1d164d5a7cOd0a805b0752"),
    "name": "John",
    "age": 26,
    "grade": "A+"
});
```

```
{
    "_id": ObjectId("5f1d164d5a7c0d0a805b0753"),
    "name": "Alice",
    "age": 22,
    "grade": "B"
}
```