

1) Create a Database called student

```
>use student
```

2) Create a collection called studentmarks

```
>db.createCollection(studentmarks)
```

3) Create the documents listed in above table.

```
>db.studentmarks.insert({"name":"Mala","maths_marks":45,"english_marks":43,"science_marks":72})
```

```
>db.studentmarks.insert({"name":"Vanu","maths_marks":80,"english_marks":75,"science_marks":85})
```

```
>db.studentmarks.insert({"name":"Kala","maths_marks":32,"english_marks":46,"science_marks":53})
```

```
>db.studentmarks.insert({"name":"Aruli","maths_marks":78,"english_marks":85,"science_marks":80})
```

```
>db.studentmarks.insert({"name":"Shayu","maths_marks":80,"english_marks":76,"science_marks":65})
```

```
db.studentmarks.insert({"name":"Kumaran","maths_marks":32,"english_marks":73,"science_marks":84})
```

```
db.studentmarks.insert({"name":"Lucky","maths_marks":66,"english_marks":90,"science_marks":45})
```

```
db.studentmarks.insert({"name":"Gva","maths_marks":71,"english_marks":75,"science_marks":56})
```

```
db.studentmarks.insert({"name":"Raam","maths_marks":41,"english_marks":65,"science_marks":88})
```

```

> <
> {"name":"Kala","maths_marks":32,"english_marks":46,"science_marks":53},
...
... {"name":"Aruli","maths_marks":78,"english_marks":85,"science_marks":80},
...
... {"name":"Shayuu","maths_marks":80,"english_marks":76,"science_marks":65},
...
... {"name":"Kumaran","maths_marks":32,"english_marks":73,"science_marks":84},
2019-01-14T15:07:31.182+0530 E QUERY [threadI] SyntaxError: missing ; before statement @(shell):1:7
> <
... {"name":"Luck","maths_marks":66,"english_marks":90,"science_marks":45},
...
... {"name":"Gva","maths_marks":71,"english_marks":75,"science_marks":56},"maths_marks":45},
...
... {"name":"Raam","maths_marks":41,"english_marks":65,"science_marks":88}}]
2019-01-14T15:07:31.185+0530 E QUERY [threadI] SyntaxError: expected expression, got ',' @(shell):1:0
> db.studentmarks.insert({"name":"Mala","maths_marks":45,"english_marks":43,"science_marks":72})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Vanu","maths_marks":80,"english_marks":75,"science_marks":85})
2019-01-14T15:09:16.394+0530 E QUERY [threadI] SyntaxError: illegal character @(shell):1:24
> db.studentmarks.insert({"name":"Vanu","maths_marks":80,"english_marks":75,"science_marks":85})
2019-01-14T15:12:08.148+0530 E QUERY [threadI] SyntaxError: illegal character @(shell):1:24
> db.studentmarks.insert({"name":"Vanu","maths_marks":80,"english_marks":75,"science_marks":85})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Kala","maths_marks":32,"english_marks":46,"science_marks":53})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Aruli","maths_marks":78,"english_marks":85,"science_marks":80})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Shayuu","maths_marks":80,"english_marks":76,"science_marks":65})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Kumaran","maths_marks":32,"english_marks":73,"science_marks":84})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Luck","maths_marks":66,"english_marks":90,"science_marks":45})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Gva","maths_marks":71,"english_marks":75,"science_marks":56})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Raam","maths_marks":41,"english_marks":65,"science_marks":88})
WriteResult({"nInserted": 1 })
> db.studentmarks.insert({"name":"Kumaran","maths_marks":32,"english_marks":73,"science_marks":84})

```

4) Increase the maths marks of Mala by 6 marks

>

```
db.studentmarks.update({"name":"Mala"},{$inc:{"maths_marks":+6}})
```

```
ukistu07@ukipc07: -
{
  "id" : ObjectId("5c3c59d0d3dd79b4b7f5ac0c"),
  "name" : "Luck",
  "maths_marks" : 66,
  "english_marks" : 90,
  "science_marks" : 75
}

ukistu07@ukipc07: -
{
  "id" : ObjectId("5c3c59d9d3dd79b4b7f5ac0d"),
  "name" : "Gva",
  "maths_marks" : 71,
  "english_marks" : 75,
  "science_marks" : 56
}

ukistu07@ukipc07: -
{
  "id" : ObjectId("5c3c59e4d3dd79b4b7f5ac0e"),
  "name" : "Raam",
  "maths_marks" : 41,
  "english_marks" : 65
}

ukistu07@ukipc07: -
{
  "id" : ObjectId("5c3ecb6dacb33c9b17e4a8af"),
  "name" : "John",
  "maths_marks" : 87,
  "science_marks" : 23
}

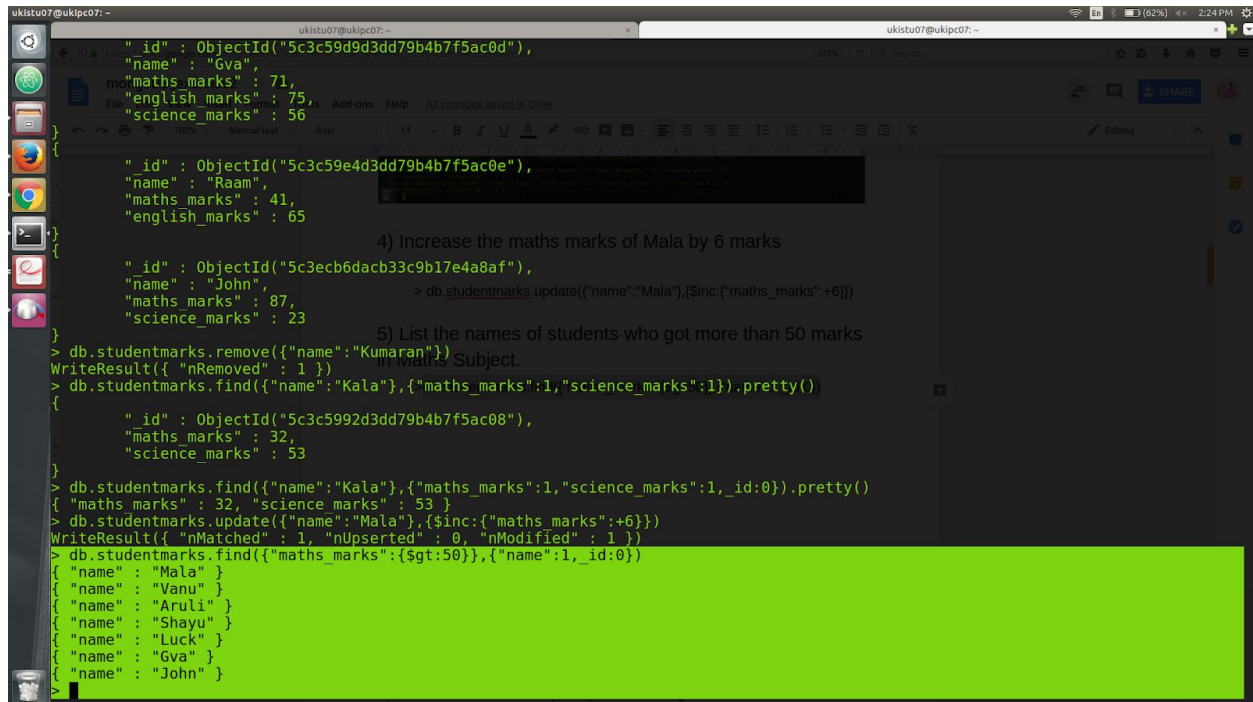
> db.studentmarks.update({"name":"Mala"},{$inc:{'maths_marks':+6}})
WriteResult({ "nRemoved" : 1 })
> db.studentmarks.find({"name":"Kala"},{"maths_marks":1,"science_marks":1}).pretty()
{
  "_id" : ObjectId("5c3c5992d3dd79b4b7f5ac08"),
  "maths_marks" : 32,
  "science_marks" : 53
}

> db.studentmarks.find({"name":"Kala"},{"maths_marks":1,"science_marks":1,_id:0}).pretty()
{
  "_id" : ObjectId("5c3c5992d3dd79b4b7f5ac08"),
  "maths_marks" : 32,
  "science_marks" : 53
}

> db.studentmarks.update({"name":"Mala"},{$inc:{'maths_marks':+6}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

5) List the names of students who got more than 50 marks in Maths Subject.

```
> db.studentmarks.find({"maths_marks":{$gt:50}},{"name":1,_id:0})
```

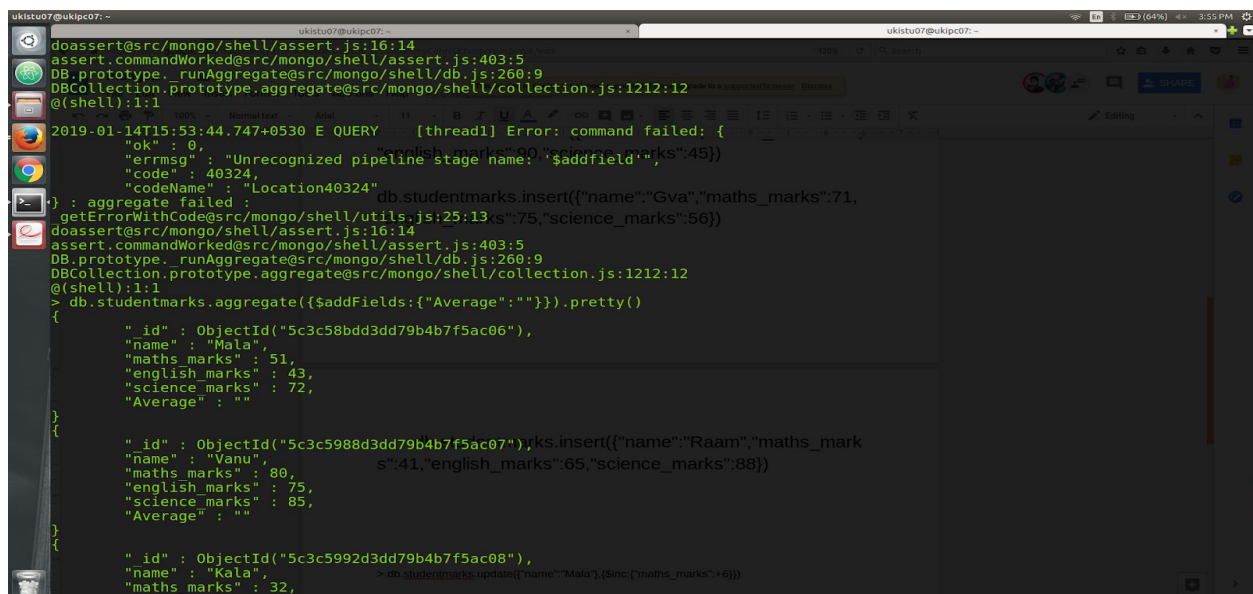


The screenshot shows a MongoDB shell session with the following commands and results:

```
> db.studentmarks.remove({"name":"Kumaran"})
WriteResult({"nRemoved": 1})
> db.studentmarks.find({"name":"Kala"}, {"maths_marks":1,"science_marks":1}).pretty()
{
  "_id" : ObjectId("5c3c5992d3dd79b4b7f5ac08"),
  "maths_marks" : 32,
  "science_marks" : 53
}
> db.studentmarks.find({"name":"Kala"}, {"maths_marks":1,"science_marks":1,_id:0}).pretty()
{
  "maths_marks" : 32, "science_marks" : 53
}
> db.studentmarks.update({"name":"Mala"}, {$inc:{"maths_marks":+6}})
WriteResult({"nMatched" : 1, "nUpserted" : 0, "nModified" : 1})
> db.studentmarks.find({"maths_marks":{$gt:50}}, {"name":1,_id:0})
{
  "name" : "Mala"
}
{
  "name" : "Vanu"
}
{
  "name" : "Aruli"
}
{
  "name" : "Shayu"
}
{
  "name" : "Luck"
}
{
  "name" : "Gva"
}
{
  "name" : "John"
}
```

6) Add a new column(field) for Average for all students.

```
> db.studentmarks.aggregate({$addFields:{"Average":""}}).pretty()
```

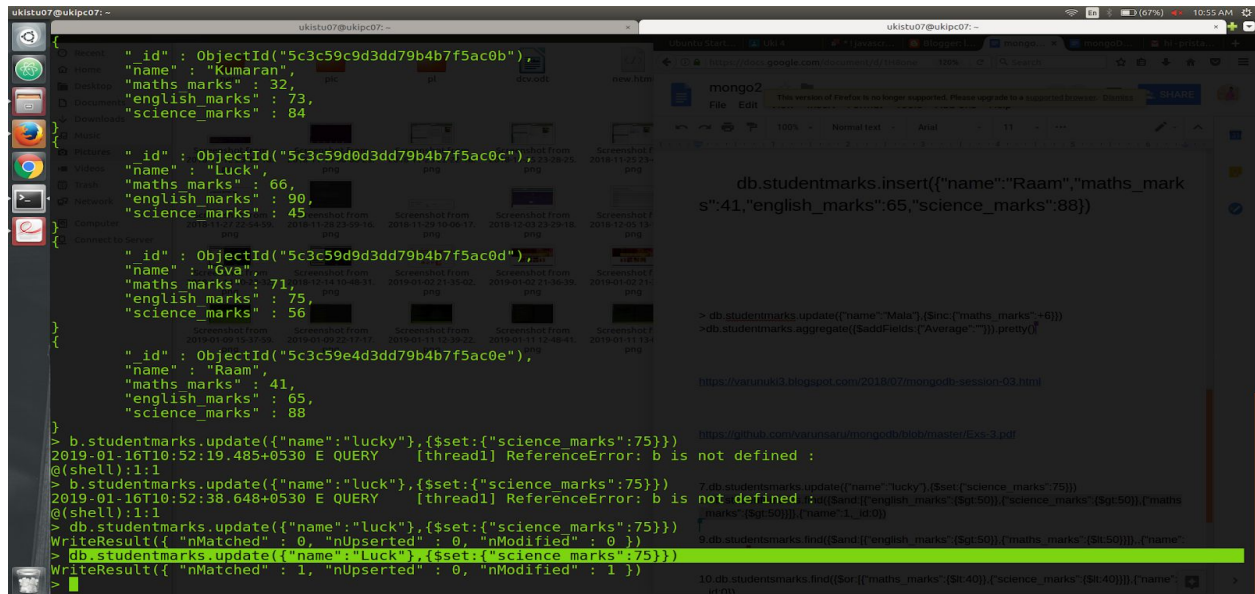


The screenshot shows a MongoDB shell session with the following commands and results:

```
doassert@src/mongo/shell/assert.js:16:14
assert.commandWorked@src/mongo/shell/assert.js:403:5
DB.prototype.runAggregate@src/mongo/shell/db.js:260:9
DBCollection.prototype.aggregate@src/mongo/shell/collection.js:1212:12
@(<shell>):1:1
2019-01-14T15:53:44.747+0530 E QUERY [thread1] Error: command failed: {
  "ok" : 0,
  "errmsg" : "Unrecognized pipeline stage name: '$addfield'",
  "code" : 40324,
  "codeName" : "Location40324"
}
> db.studentmarks.insert({"name":"Gva","maths_marks":71,
  "english_marks":75,"science_marks":56})
{
  "_id" : ObjectId("5c3c58bdd3dd79b4b7f5ac06"),
  "name" : "Mala",
  "maths_marks" : 51,
  "english_marks" : 43,
  "science_marks" : 72,
  "Average" : ""
}
> db.studentmarks.insert({"name":"Raam","maths_marks":41,"english_marks":65,"science_marks":88})
{
  "_id" : ObjectId("5c3c5988d3dd79b4b7f5ac07"),
  "name" : "Vanu",
  "maths_marks" : 80,
  "english_marks" : 75,
  "science_marks" : 85,
  "Average" : ""
}
> db.studentmarks.update({"name":"Mala"}, {$inc:{"maths_marks":+6}})
WriteResult({"nMatched" : 1, "nUpserted" : 0, "nModified" : 1})
> db.studentmarks.find({"name":"Kala"}, {"maths_marks":1,"science_marks":1}).pretty()
{
  "_id" : ObjectId("5c3c5992d3dd79b4b7f5ac08"),
  "maths_marks" : 32,
  "science_marks" : 53
}
```

7) Update Marks_Science=75 to Lucky .

```
>db.studentmarks.update({"name":"Luck"},{$set:{"science_marks":75}})
```



```
ukistu07@ukipc07: ~
{
  "_id" : ObjectId("5c3c59c9d3dd79b4b7f5ac0b"),
  "name" : "Kumaran",
  "maths_marks" : 32,
  "english_marks" : 73,
  "science_marks" : 84
}
{
  "_id" : ObjectId("5c3c59d0d3dd79b4b7f5ac0c"),
  "name" : "Gva",
  "maths_marks" : 66,
  "english_marks" : 90,
  "science_marks" : 45
}
{
  "_id" : ObjectId("5c3c59d9d3dd79b4b7f5ac0d"),
  "name" : "Raam",
  "maths_marks" : 41,
  "english_marks" : 65,
  "science_marks" : 88
}
> b.studentmarks.update({"name":"lucky"},{$set:{"science_marks":75}})
2019-01-16T10:52:19.485+0530 E QUERY [thread1] ReferenceError: b is not defined :
@ (shell):1:1
> b.studentmarks.update({"name":"luck"},{$set:{"science_marks":75}})
2019-01-16T10:52:38.648+0530 E QUERY [thread1] ReferenceError: b is not defined :
@ (shell):1:1
> db.studentmarks.update({"name":"luck"},{$set:{"science_marks":75}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.studentmarks.update({"name":"Luck"},{$set:{"science_marks":75}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
>
```

8) List the names who got more than 50 marks in all subjects.

>

```
db.studentmarks.find({'$and':[{"english_marks":{$gt:50}}, {"science_marks":{$gt:50}}, {"maths_marks":{$gt:50}}], {"name":1, _id:0})
```



```

{
  "_id": "ObjectID('5c3c59d9d3dd79b4b7f5ac0e')",
  "name": "Luck",
  "maths_marks": 66,
  "english_marks": 90,
  "science_marks": 45
}

{
  "_id": "ObjectID('5c3c59d9d3dd79b4b7f5ac0e')",
  "name": "Gva",
  "maths_marks": 71,
  "english_marks": 75,
  "science_marks": 88
}

4) {"_id": "ObjectID('5c3c59d9d3dd79b4b7f5ac0e')",
  "name": "Raam",
  "maths_marks": 41,
  "english_marks": 65,
  "science_marks": 88
}

5) List the names of students who got more than 50 marks
> db.studentmarks.update({"name": "lucky"}, {$set: {"science_marks": 75}})
2019-01-16T10:52:19.485+0530 E QUERY [thread1] ReferenceError: b is not defined :
@ (shell):1:1
> b.studentmarks.update({"name": "luck"}, {$set: {"science_marks": 75}})
2019-01-16T10:52:38.648+0530 E QUERY [thread1] ReferenceError: b is not defined :
@ (shell):1:1 new column(field) for Average for all students.
> db.studentmarks.update({"name": "luck"}, {$set: {"science_marks": 75}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.studentmarks.update({"name": "Luck"}, {$set: {"science_marks": 75}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.studentmarks.find({'$and': [{'english_marks': {'$gt': 50}}, {'science_marks': {'$gt': 50}}, {'maths_marks': {'$gt': 50}}]}, {'name': 1, id: 0})
> db.studentmarks.find({'$and': [{'english_marks': {'$gt': 50}}, {'science_marks': {'$gt': 50}}, {'maths_marks': {'$gt': 50}}]}, {'name': 1, id: 0})
{
  "name": "Vanu"
}
{
  "name": "Aruli"
}
{
  "name": "Shayu"
}
{
  "name": "Luck"
}
{
  "name": "Gva"
}

```

9) List the names who got less than 50 marks in Maths subject and more than 50 marks in English

```
>db.studentmarks.find({'$and': [{"english_marks": {'$gt': 50}}, {"maths_marks": {'$lt': 50}}]}, {"name": 1, _id: 0})
```

```

"science_marks" : 45
{
  "_id": "ObjectID('5c3c59d9d3dd79b4b7f5ac0e')",
  "name": "Gva",
  "maths_marks": 71,
  "english_marks": 75,
  "science_marks": 88
}

7) db.studentmarks.update({"name": "lucky"}, {$set: {"science_marks": 75}})
2019-01-16T10:52:19.485+0530 E QUERY [thread1] ReferenceError: b is not defined :
@ (shell):1:1
> b.studentmarks.update({"name": "luck"}, {$set: {"science_marks": 75}})
2019-01-16T10:52:38.648+0530 E QUERY [thread1] ReferenceError: b is not defined :
@ (shell):1:1
> db.studentmarks.update({"name": "luck"}, {$set: {"science_marks": 75}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.studentmarks.update({"name": "Luck"}, {$set: {"science_marks": 75}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.studentmarks.find({'$and': [{"english_marks": {'$gt': 50}}, {"science_marks": {'$gt': 50}}, {"maths_marks": {'$gt': 50}}]}, {"name": 1, id: 0})
> db.studentmarks.find({'$and': [{"english_marks": {'$gt': 50}}, {"science_marks": {'$gt': 50}}, {"maths_marks": {'$gt': 50}}]}, {"name": 1, id: 0})
{
  "name": "Vanu"
}
{
  "name": "Aruli"
}
{
  "name": "Shayu"
}
{
  "name": "Luck"
}
{
  "name": "Gva"
}
> db.studentmarks.find({'$and': [{"english_marks": {'$gt': 50}}, {"maths_marks": {'$lt': 50}}]}, {"name": 1, id: 0})
2019-01-16T10:57:10.101+0530 E QUERY [thread1] SyntaxError: expected expression, got ',', @ (shell):1:82
> db.studentmarks.find({'$and': [{"english_marks": {'$gt': 50}}, {"maths_marks": {'$lt': 50}}]}, {"name": 1, id: 0})
{
  "name": "Kumaran"
}
{
  "name": "Raam"
}

```

10) List the names who got less than 40 in both Maths and Science.

```
>db.studentmarks.find({'$or': [{"maths_marks": {'$lt': 40}}, {"science_marks": {'$lt': 40}}]}, {"name": 1, _id: 0})
```


>
db.studentmarks.insert({"name":"John","maths_marks":87,"english_marks":23})

```

> db.studentmarks.insert({"name":"John","maths_marks":87,"english_marks":23})
WriteResult({"nInserted": 1 })

> db.studentmarks.find()
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Raam", "maths_marks": 41, "english_marks": 65, "science_marks": 88}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Aruli", "maths_marks": 78, "english_marks": 65, "science_marks": 88}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Shayu", "maths_marks": 80, "english_marks": 76, "science_marks": 88}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Kumaran", "maths_marks": 32, "english_marks": 73, "science_marks": 84}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Lucky", "maths_marks": 68, "english_marks": 90, "science_marks": 45}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "John", "maths_marks": 87, "english_marks": 23, "science_marks": 56}

> b.studentmarks.update({"name":"lucky"},{$set:{"science_marks":75}})
2019-01-16T10:52:19.485+0530 E QUERY [thread1] ReferenceError: b is not defined :
@(<shell>):1:1

> b.studentmarks.update({"name":"luck"},{$set:{"science_marks":75}})
2019-01-16T10:52:38.648+0530 E QUERY [thread1] ReferenceError: b is not defined :
@(<shell>):1:1

> db.studentmarks.update({"name":"luck"},{$set:{"science_marks":75}})
WriteResult({"nMatched": 0, "nUpserted": 0, "nModified": 0 })
> db.studentmarks.update({"name":"Luck"},{$set:{"science_marks":75}})
WriteResult({"nMatched": 1, "nUpserted": 0, "nModified": 1 })
> db.studentmarks.find({'$and':[{"english_marks":{$gt:50}},{"science_marks":{$gt:50}},{"maths_marks":{$gt:50}}]},{"name":1,_id:0})
{"name": "Vanu" }
{"name": "Aruli" }
{"name": "Shayu" }
{"name": "Luck" }
{"name": "Gva" }

> db.studentmarks.find({'$and':[{"english_marks":{$gt:50}},{"science_marks":{$gt:50}},{"maths_marks":{$gt:50}}]},{"name":1,_id:0})
2019-01-16T11:03:57.101+0530 E QUERY [thread1] SyntaxError: expected expression, got ',' @(<shell>):1:82
> db.studentmarks.find({'$and':[{"english_marks":{$gt:50}},{"science_marks":{$gt:50}},{"maths_marks":{$gt:50}}]},{"name":1,_id:0})
{"name": "Kumaran" }
{"name": "Raam" }
> db.studentmarks.find({'$or':[{"maths_marks":{$lt:40}},{"science_marks":{$lt:40}}]},{"name":1,_id:0})
{"name": "Kala" }
{"name": "Kumaran" }
> db.studentmarks.update({"name":"Raam"},{$unset:{"science_marks":88}})
WriteResult({"nMatched": 1, "nUpserted": 0, "nModified": 1 })
> db.studentmarks.insert({"name":"John","maths_marks":87,"english_marks":23})
WriteResult({"nInserted": 1 })

```

Name	Maths Marks	English Marks	Science Marks
Raam	41	65	88
Aruli	78	65	88
Shayu	80	76	88
Kumaran	32	73	84
Lucky	68	90	45
John	87	23	56

13) Rename the english_marks column/field for John to science_marks

>
db.studentmarks.update({"name":"John"},{\$rename:{"english_marks":"science_marks"}})

```

> db.studentmarks.insert({"name":"John","maths_marks":87,"english_marks":23})
WriteResult({"nInserted": 1 })

> db.studentmarks.find()
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Raam", "maths_marks": 41, "english_marks": 65, "science_marks": 88}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Aruli", "maths_marks": 78, "english_marks": 65, "science_marks": 88}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Shayu", "maths_marks": 80, "english_marks": 76, "science_marks": 88}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Kumaran", "maths_marks": 32, "english_marks": 73, "science_marks": 84}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "Lucky", "maths_marks": 68, "english_marks": 90, "science_marks": 45}
{"_id": ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name": "John", "maths_marks": 87, "english_marks": 23, "science_marks": 56}

> b.studentmarks.update({"name":"lucky"},{$set:{"science_marks":75}})
2019-01-16T10:52:19.485+0530 E QUERY [thread1] ReferenceError: b is not defined :
@(<shell>):1:1

> b.studentmarks.update({"name":"luck"},{$set:{"science_marks":75}})
2019-01-16T10:52:38.648+0530 E QUERY [thread1] ReferenceError: b is not defined :
@(<shell>):1:1

> db.studentmarks.update({"name":"luck"},{$set:{"science_marks":75}})
WriteResult({"nMatched": 0, "nUpserted": 0, "nModified": 0 })
> db.studentmarks.update({"name":"Luck"},{$set:{"science_marks":75}})
WriteResult({"nMatched": 1, "nUpserted": 0, "nModified": 1 })
> db.studentmarks.find({'$and':[{"english_marks":{$gt:50}},{"science_marks":{$gt:50}},{"maths_marks":{$gt:50}}]},{"name":1,_id:0})
{"name": "Vanu" }
{"name": "Aruli" }
{"name": "Shayu" }
{"name": "Luck" }
{"name": "Gva" }

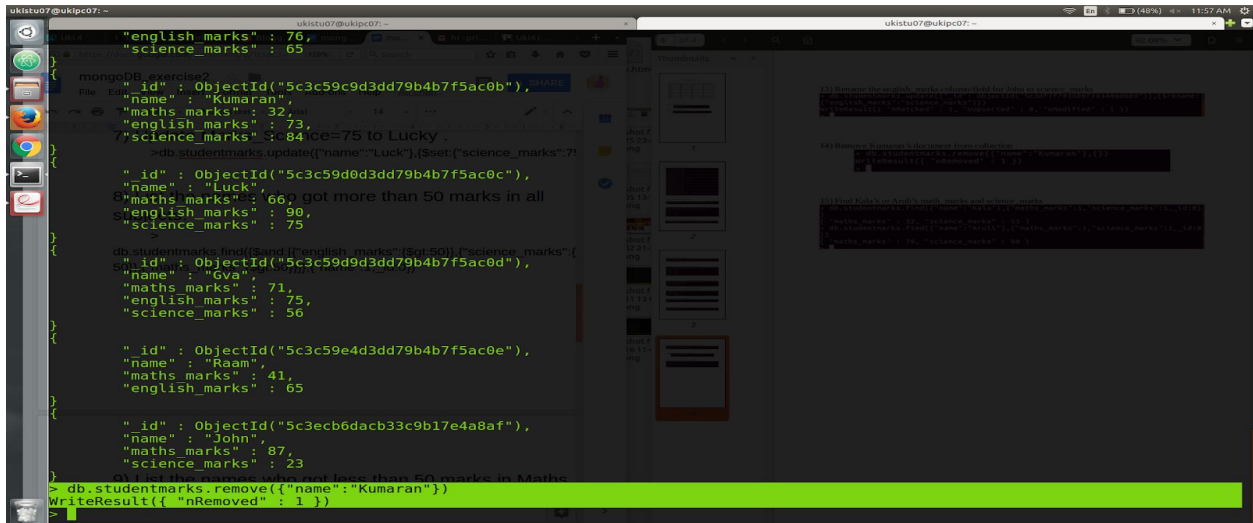
> db.studentmarks.find({'$and':[{"english_marks":{$gt:50}},{"science_marks":{$gt:50}},{"maths_marks":{$gt:50}}]},{"name":1,_id:0})
2019-01-16T11:03:57.101+0530 E QUERY [thread1] SyntaxError: expected expression, got ',' @(<shell>):1:82
> db.studentmarks.find({'$and':[{"english_marks":{$gt:50}},{"science_marks":{$gt:50}},{"maths_marks":{$gt:50}}]},{"name":1,_id:0})
{"name": "Kumaran" }
{"name": "Raam" }
> db.studentmarks.find({'$or':[{"maths_marks":{$lt:40}},{"science_marks":{$lt:40}}]},{"name":1,_id:0})
{"name": "Kala" }
{"name": "Kumaran" }
> db.studentmarks.update({"name":"Raam"},{$unset:{"science_marks":88}})
WriteResult({"nMatched": 1, "nUpserted": 0, "nModified": 1 })
> db.studentmarks.insert({"name":"John","maths_marks":87,"english_marks":23})
WriteResult({"nInserted": 1 })

```

Name	Maths Marks	English Marks	Science Marks
Raam	41	65	88
Aruli	78	65	88
Shayu	80	76	88
Kumaran	32	73	84
Lucky	68	90	45
John	87	23	56

14) Remove Kumaran's document from collection

```
> db.studentmarks.remove({"name":"Kumaran"})
```



The screenshot shows a MongoDB terminal window with the following content:

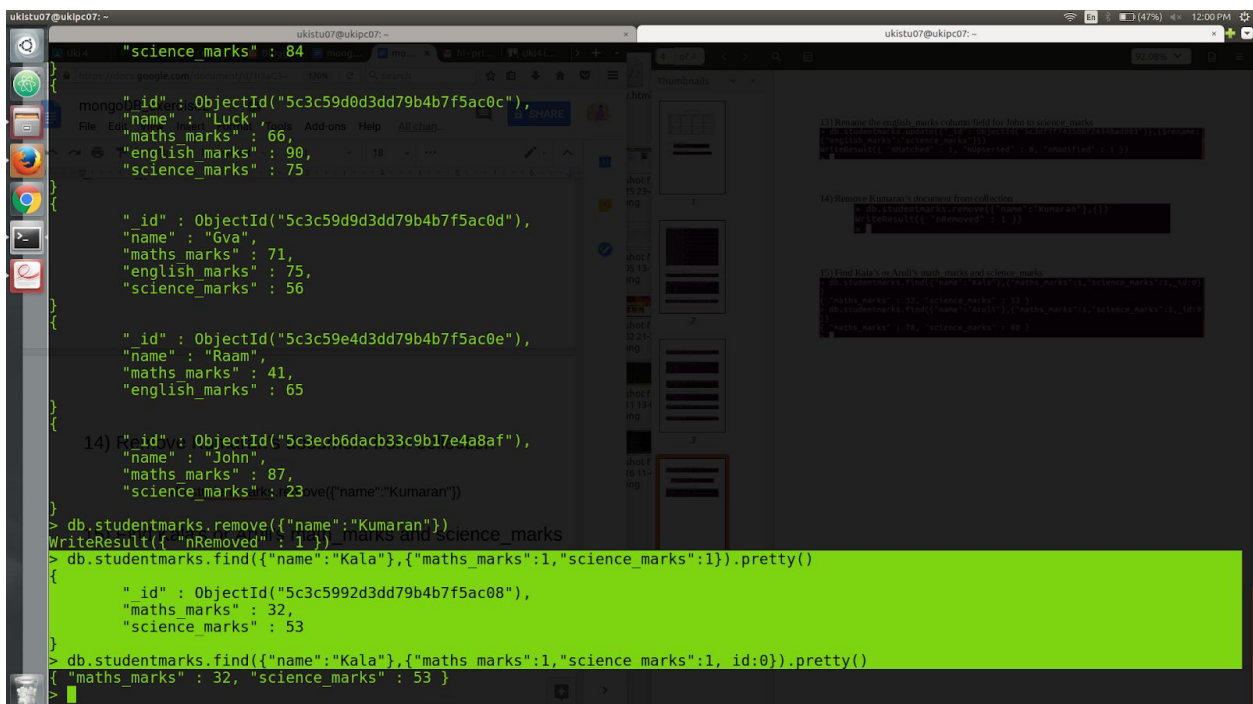
```
mongo> use studentmarks
studentmarks> find()
{"_id" : ObjectId("5c3c59c9d3dd79b4b7f5ac0b"), "name" : "Kumaran", "maths_marks" : 32, "english_marks" : 73, "science_marks" : 84}
{"_id" : ObjectId("5c3c59d0d3dd79b4b7f5ac0c"), "name" : "Luck", "maths_marks" : 66, "english_marks" : 90, "science_marks" : 75}
{"_id" : ObjectId("5c3c59d9d3dd79b4b7f5ac0d"), "name" : "Gva", "maths_marks" : 71, "english_marks" : 75, "science_marks" : 56}
{"_id" : ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name" : "Raam", "maths_marks" : 41, "english_marks" : 65}
{"_id" : ObjectId("5c3ecb6dacb33c9b17e4a8af"), "name" : "John", "maths_marks" : 87, "science_marks" : 23}

studentmarks> remove({"name":"Kumaran"})
WriteResult({"nRemoved" : 1 })
```

15) Find Kala's or Aruli's math_marks and science_marks

```
>
```

```
db.studentmarks.find({"name":"Kala"}, {"maths_marks":1, "science_marks":1}).pretty()
```



The screenshot shows a MongoDB terminal window with the following content:

```
mongo> use studentmarks
studentmarks> find()
{"_id" : ObjectId("5c3c59c9d3dd79b4b7f5ac0b"), "name" : "Luck", "maths_marks" : 66, "english_marks" : 90, "science_marks" : 75}
{"_id" : ObjectId("5c3c59d9d3dd79b4b7f5ac0d"), "name" : "Gva", "maths_marks" : 71, "english_marks" : 75, "science_marks" : 56}
{"_id" : ObjectId("5c3c59e4d3dd79b4b7f5ac0e"), "name" : "Raam", "maths_marks" : 41, "english_marks" : 65}
{"_id" : ObjectId("5c3ecb6dacb33c9b17e4a8af"), "name" : "John", "maths_marks" : 87, "science_marks" : 23}

14) studentmarks> remove({"name":"Kumaran"})
WriteResult({"nRemoved" : 1 })

studentmarks> find({"name":"Kala"}, {"maths_marks":1, "science_marks":1}).pretty()
{"_id" : ObjectId("5c3c5992d3dd79b4b7f5ac08"), "maths_marks" : 32, "science_marks" : 53}

studentmarks> find({"name":"Kala"}, {"maths_marks":1, "science_marks":1, id:0}).pretty()
{"maths_marks" : 32, "science_marks" : 53 }
```