Lab-3

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1) create a database "student" with the following attributes

```
> db. create collection ("Studt");
        {"OK" : 1}
> db. studet . insert ({"_id" : 1, "roll" : 1, name:"abc", "age": 21, "email" : ...}
db. Studt. insert ({"_id" : 2, "roll" : 2, name: bcd, "age" : 21, "aad" : "bcd@gmail"}
db. stud . insert ({"_id" : 3, "roll" : 10, name:"cpq") "age" : 21, "email": cpq@gmail}
```

update email id of a student with rollno 10
```
db. studet .update ({"roll :10}, {$set : {"email: " cp q@gmail.com" }});
db. Studet . find ({" roll ":10})
    {"_id" : 3, "roll " : 10, "name": "cpq") "age": 21, "email": cpq@gmail.com
    }
```

Replace the Studt name from ABC to PEM of rod 1
```
db. studet. update ({"name": " mali;"} , {$set : {"name": "malini"}});
writeResult ({ "nmatched": 1 , "nUpsated": 0, "nmodified": 1 })
```

Export the created table into § local file system
```
mongoExport -d collegedb -c studt -f name, age, contactno, email(id
    --type = cs -o studt.csv
```

```
cat studt.csv
name, age, contactno, email id
    abc, 21
    bcdefgh; 21
    cpq, 21
```

Drop the table

Show dbs

admin   0.20GB
collegedb 0.000GB
company   0.000GB
config   0.000GB
local   0.000GB
mydb   0.000GB

use collegedb
    switched to db collegedb

    db.studt.drop()

    true

Import a given csv dataset from local file system into mongodbcollect

mongoimport   -d collegedb -c studt --type csv -- file studt.csv
                                                    -- header line.

1)   db. create collection ("custom");

         { "ok" :.1 }

Insert atleast 5 values into the table

db. customer. insert ({ "_id ": 1, "custid": 1, "accountbalance": 2000,

         "acctype" : "sally"});

db. custm. insert ({ "_id": 2, "custid": 2, "accountbalance": 400,

         "acctype" : "salary"});

2) write a query to display those records whose total account balance & greater than 1200 of acct type '2' for each custm-id

db. customer. find ({ { "account balance ": { $gte: 50000 }, "actype :sally "}}

3 4)   db. customer. aggregate (

         [{

           $group :

           { "_id " : "$custid"

           "max_bal" : { $max: "$accountbalance"},

           "min_bal" : { $min : " $ accout balance "}

         );] } }