

SHREYAS K

IBM17CS098

BDA LAB

12/10/2020

classmate

Date

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1.

i) ~~use student~~ ;

db.createCollection("student");

ii)

db.student.insertMany([  
 { name: "shreyas", rollno: 10, age: 20, contactno: "7349113212", email\_id: "shreyas.cs17@bmsce.ac.in"},  
 { name: "varun", rollno: 11, age: 21, contactno: "7345112412", email\_id: "varun.cs17@bmsce.ac.in"}  
]);

iii)

update email\_id of student with rollno 10.

db.student.update({rollno: 10}, {\$set: {email\_id: "shreyas.k.cs17@bmsce.ac.in"}});

iv)

update name of student with rollno 11.

db.student.update({rollno: 11}, {\$set: {name: "Arun"}});

v)

Export file

mongoexport --db ~~test~~ <sup>lab3</sup> --collection student  
--out student-details.csv --fields "name, rollno, age, contactno, email\_id" --type = csv



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vi) ~~drop database~~

~~drop database~~ db.students.drop()

vii) Import file  
~~mongoimport~~

mongoimport --db=lab3 --collection=Student  
--type=csv --file=student\_details.csv

2. ~~db~~

i) db.createcollection("customers");

ii) db.customers.insertMany([  
{cust\_id: 1, acc\_bal: 4000, acc\_type: "savings"},  
{cust\_id: 2, acc\_bal: 5000, acc\_type: "current"},  
{cust\_id: 3, acc\_bal: 8000, acc\_type: "savings"},  
{cust\_id: 4, acc\_bal: 9000, acc\_type: "savings"},  
{cust\_id: 5, acc\_bal: 2000, acc\_type: "current"}]);

iii) db.customers.find({"acc\_bal": {"\$gt": 1200}},  
{"acc\_type": "savings"});



iv) `db.customers.aggregate ([`  
    `{ "id": "$cust_id",`  
    `max_bal: { $max: "$acc_bal" },`  
    `min_bal: { $min: "$acc_bal" }`  
    `}] );`

v) `mongoexport -d customersDB -c customers`  
    `--type csv -o customers.csv`

vi) `db.customers.drop()`

vii) `mongoimport -d customersDB -c customers`  
    `--type csv --file customers.csv`