—: LAB - 01 :—

I Create Database in MongoDB

① Use my DB;
Output :
Switched to db my DB

② Show db:
Output:
admin
config
local
mydb1

II Create, Read, update, Delete

① db. Create collection ("student");
O/P
{ OK : 1 }

② db. student. dop (),
O/P
true

③ db. student. insert ({ id: 1 stud Name:
"Middle",
Grade : "VII", Hobbies : "Internet Surfing"});
O/P

db. students. find ()
[
{
  - id : 1
  student. Name : "Mickey Coinethe";

```
Grade : 'VII';
Hobbies : 'Internet Surfing'
    }
}
```

(4) Update:
```
db.student.update ({_id: 3, Student_Name:
"Aryan David", Grade : "VII" }
{set: {Hobbies:" Skating "}}{update: true}
OIP
{
    acknowledge  true,
        inserted  id:3,
        modified count:0,
        updated count:1
    }

db. student. find()
    OIP
    {
    {
    Hobbies: ' Internet Surfing'
    }

    _id :3,
    Grade : VII
    Stud_Name : "Aryan David";
    Hobbies : 'string';
    }
```

III import data from csv file
mongo import - db. student collection
airlines -- type csv ...
header line -- file I have I archive I airline csv

IV Aggregate Function

① db. Customer . aggregate C{ $ group {id:" $ cust ID",
TotalAcc Bal {$ sum. " $ Acc Bal" }}});

② db. Customers . insert Many C [
{ Cust. ID : 1, Acc Bal : 500, Acc Type : "saving" },
{ Cust. ID : 1, Acc Bal : 1000, Acc Type: "checking" },
{ Cust. ID : 2, Acc Bal : 1500, Acc Type : "savings" }])
OIP
[{ _id : 2, total acc Bal : 2000 },
- id : 1, total acc Bal : 1500 },
id : 3, total Acc Bal : 200 }
}]

③ db. Customer , aggregate C [
{ $ match : {Acc Type : "savings" } },
[$ grop : {id: " $ cust ID. total AccBal: }{
$ Sum : "Acc"

OIP
[{
_ id : 2, total AccBal : 1500 },
{ _ id : 1, total A cc Bal : 500 }
{ _ id : 3, total Acc Bal : 2000 }