

LAB-1I Create Database in MongoDB

1) use my DB;

output:

switched to db myDB

2) show db;

output:

admin

config

local

mydb1

II Create, Read, update, delete

1) db.createCollection("Student");

O/P

{ok: 1}

2) db.student.drop();

O/P

true

3) db.student.insert({id: 1, school name:

"Middle"

Grade: "VII", Hobbies: "Internet surfing"});

O/P

db.students.find()

{

{

```

    - id: 1
    Student Name: "Mikey Goinette";
    Grade: "VII";
    Hobbies: "Internet Surfing"
  }
}

```

u) Update:

```

db.student.update ( { - id: 3, Student Name:
  "Aryan David", Grade: "VII",
  { set: { Hobbies: "Skating" } } { update: true }

```

O/P

```

{
  acknowledged: true,
  insertedId: 3,
  modifiedCount: 0,
  updatedCount: 1
}

```

db.student.find ()

O/P

```

{
  {
    Hobbies: "Internet Surfing"
  }
  {
    - id: 3,
    Grade: "VII",
    Student Name: "Aryan David",
    Hobbies: "Skating",
  }
}

```


import data from CSV file
 merge report - d.f. details - collator
 details - type CN
 distribution - fit 1 hour 1 action 1 action

Aggregate Function
 de. interest aggregate (group {id: 5 and 10
 total Acc Bal: { sum: { Acc Bal: 1111 }

1) de. interest. curd. ^{avg} ({
 { curd 50: 1, Acc Bal: 500, Acc Type: "Savings" }
 { curd 20: 1, Acc Bal: 1000, Acc Type: "Checking" }
 { curd 20: 2, Acc Bal: 1500, Acc Type: "Savings" } }

o/p
 [{ id: 2, total Acc Bal: 2000 }
 { id: 1, total Acc Bal: 1500 }
 { id: 3, total Acc Bal: 9000 }
]]

2) de. interest. aggregate ({
 { math: { Acc Type: "Savings" } }
 { group: { id: { curd 20, total Acc Bal: {
 sum: Acc

o/p
 [{
 { id: 2, total Acc Bal: 1500 }
 { id: 1, total Acc Bal: 500 }
 { id: 3, total Acc Bal: 9000 }
 }]