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Batch :- C1

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Create database:-

use sarthak

Show databases:-

show dbs

```
> show dbs
Firstdatabase  0.000GB
admin          0.000GB
config         0.000GB
examples       0.000GB
local          0.000GB
niyati         0.000GB
sarthak        0.000GB
suraj          0.000GB
> use sarthak
switched to db sarthak
```

Create Collection:-

db.create Collection("Details");

show collections;

```
> show collections
Details
```

Insert data one data at a time

db.Details.insert();

```
> db.Details.insert({"name" : "Sarthak", "age":21, "gender":"M"})
```

Insert many data at a time

db.Details.insertMany();

```
> db.Details.insertMany([{"name" : "Pragati", "age":24, "gender":"F"},  
... {"name" : "Indiana", "age":30, "gender":"F"},  
... {"name" : "Dax", "age":10, "gender":"M"}])  
{  
  "acknowledged" : true,  
  "insertedIds" : [  
    ObjectId("624bbe4323dfbcf819bb3d4b"),  
    ObjectId("624bbe4323dfbcf819bb3d4c"),  
    ObjectId("624bbe4323dfbcf819bb3d4d")  
  ]  
}  
> db.Details.find();  
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }  
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 24, "gender" : "F" }  
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana", "age" : 30, "gender" : "F" }  
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4d"), "name" : "Dax", "age" : 10, "gender" : "M" }  
>
```

Display data inside the collection 'Details'

db.Details.find();

```
> db.Details.find();  
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }  
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 24, "gender" : "F" }  
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana", "age" : 30, "gender" : "F" }  
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4d"), "name" : "Dax", "age" : 10, "gender" : "M" }
```

Update a single data row

db.Details.update({name:"Dax"},{\$set:{"age":15,"name":"Dan"}})

```
> db.Details.update({name:"Dax"},{$set:{"age":15,"name":"Dan"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Details.find();
{ "_id" : ObjectId("624bbc6b23dfbcf819bb3d4a"), "name" : "Sarthak", "age" : 21, "gender" : "M" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4b"), "name" : "Pragati", "age" : 24, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4c"), "name" : "Indiana", "age" : 30, "gender" : "F" }
{ "_id" : ObjectId("624bbe4323dfbcf819bb3d4d"), "name" : "Dan", "age" : 15, "gender" : "M" }
> █
```