

ASSIGNMENT 9

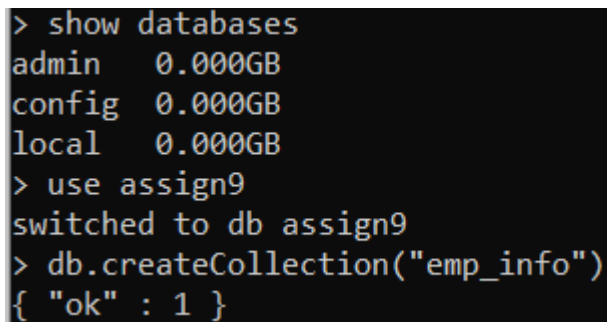
NAME : Bhavik Ransubhe

CLASS : TE(B) COMP

ROLL NO : 39055

CREATE DATABASE AND COLLECTION :

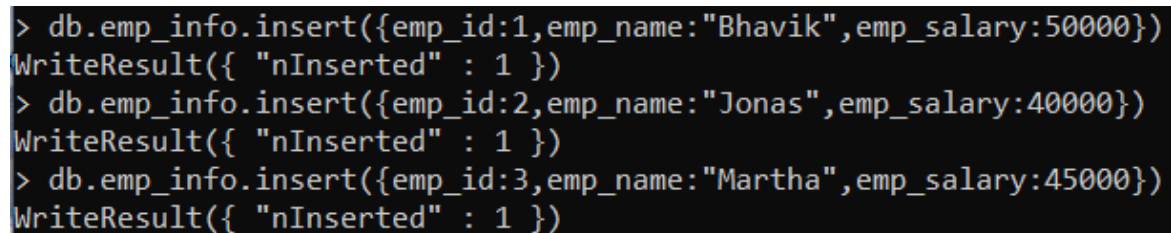
```
show databases
admin 0.000GB
config 0.000GB
local 0.000GB
> use assign9
switched to db assign9
> db.createCollection("emp_info")
{ "ok" : 1 }
```



```
> show databases
admin 0.000GB
config 0.000GB
local 0.000GB
> use assign9
switched to db assign9
> db.createCollection("emp_info")
{ "ok" : 1 }
```

INSERTING VALUES IN COLLECTION :

```
> db.emp_info.insert({emp_id:1,emp_name:"Bhavik",emp_salary:50000})
WriteResult({ "nInserted" : 1 })
> db.emp_info.insert({emp_id:2,emp_name:"Jonas",emp_salary:40000})
WriteResult({ "nInserted" : 1 })
> db.emp_info.insert({emp_id:3,emp_name:"Martha",emp_salary:45000})
WriteResult({ "nInserted" : 1 })
```



```
> db.emp_info.insert({emp_id:1,emp_name:"Bhavik",emp_salary:50000})
WriteResult({ "nInserted" : 1 })
> db.emp_info.insert({emp_id:2,emp_name:"Jonas",emp_salary:40000})
WriteResult({ "nInserted" : 1 })
> db.emp_info.insert({emp_id:3,emp_name:"Martha",emp_salary:45000})
WriteResult({ "nInserted" : 1 })
```

DISPLAYING VALUES IN COLLECTION :

```
> db.emp_info.find()
{ "_id" : ObjectId("5fa96e19ad13e342c23eee15"), "emp_id" : 1, "emp_name" : "Bhavik",
  "emp_salary" : 50000 }
{ "_id" : ObjectId("5fa96e50ad13e342c23eee16"), "emp_id" : 2, "emp_name" : "Jonas",
  "emp_salary" : 40000 }
{ "_id" : ObjectId("5fa96e7aad13e342c23eee17"), "emp_id" : 3, "emp_name" : "Martha",
  "emp_salary" : 45000 }
```

```
> db.emp_info.find()
{ "_id" : ObjectId("5fa96e19ad13e342c23eee15"), "emp_id" : 1, "emp_name" : "Bhavik", "emp_salary" : 50000 }
{ "_id" : ObjectId("5fa96e50ad13e342c23eee16"), "emp_id" : 2, "emp_name" : "Jonas", "emp_salary" : 40000 }
{ "_id" : ObjectId("5fa96e7aad13e342c23eee17"), "emp_id" : 3, "emp_name" : "Martha", "emp_salary" : 45000 }
\
```

DISPLAYING VALUES IN COLLECTION USING PRETTY :

```
> db.emp_info.find().pretty()
{
  "_id" : ObjectId("5fa96e19ad13e342c23eee15"),
  "emp_id" : 1,
  "emp_name" : "Bhavik",
  "emp_salary" : 50000
}
{
  "_id" : ObjectId("5fa96e50ad13e342c23eee16"),
  "emp_id" : 2,
  "emp_name" : "Jonas",
  "emp_salary" : 40000
}
{
  "_id" : ObjectId("5fa96e7aad13e342c23eee17"),
  "emp_id" : 3,
  "emp_name" : "Martha",
  "emp_salary" : 45000
}
```

```

> db.emp_info.find().pretty()
{
  "_id" : ObjectId("5fa96e19ad13e342c23eee15"),
  "emp_id" : 1,
  "emp_name" : "Bhavik",
  "emp_salary" : 50000
}
{
  "_id" : ObjectId("5fa96e50ad13e342c23eee16"),
  "emp_id" : 2,
  "emp_name" : "Jonas",
  "emp_salary" : 40000
}
{
  "_id" : ObjectId("5fa96e7aad13e342c23eee17"),
  "emp_id" : 3,
  "emp_name" : "Martha",
  "emp_salary" : 45000
}

```

UPDATING VALUES IN TO THE COLLECTION :

```

> db.emp_info.update({emp_name:"Bhavik"},{$set:{emp_salary:60000}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.emp_info.find().pretty()
{
  "_id" : ObjectId("5fa96e19ad13e342c23eee15"),
  "emp_id" : 1,
  "emp_name" : "Bhavik",
  "emp_salary" : 60000
}
{
  "_id" : ObjectId("5fa96e50ad13e342c23eee16"),
  "emp_id" : 2,
  "emp_name" : "Jonas",
  "emp_salary" : 40000
}
{
  "_id" : ObjectId("5fa96e7aad13e342c23eee17"),
  "emp_id" : 3,
  "emp_name" : "Martha",
  "emp_salary" : 45000
}

```

```

> db.emp_info.update({emp_name:"Bhavik"},{$set:{emp_salary:60000}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.emp_info.find().pretty()
{
  "_id" : ObjectId("5fa96e19ad13e342c23eee15"),
  "emp_id" : 1,
  "emp_name" : "Bhavik",
  "emp_salary" : 60000
}
{
  "_id" : ObjectId("5fa96e50ad13e342c23eee16"),
  "emp_id" : 2,
  "emp_name" : "Jonas",
  "emp_salary" : 40000
}
{
  "_id" : ObjectId("5fa96e7aad13e342c23eee17"),
  "emp_id" : 3,
  "emp_name" : "Martha",
  "emp_salary" : 45000
}

```

REMOVING VALUES FROM THE COLLECTION :

```

> db.emp_info.remove({emp_id:2},{justOne:true})
WriteResult({ "nRemoved" : 1 })
> db.emp_info.find().pretty()
{
  "_id" : ObjectId("5fa96e19ad13e342c23eee15"),
  "emp_id" : 1,
  "emp_name" : "Bhavik",
  "emp_salary" : 60000
}
{
  "_id" : ObjectId("5fa96e7aad13e342c23eee17"),
  "emp_id" : 3,
  "emp_name" : "Martha",
  "emp_salary" : 45000
}

```

```
> db.emp_info.remove({emp_id:2},{justOne:true})
WriteResult({ "nRemoved" : 1 })
> db.emp_info.find().pretty()
{
  "_id" : ObjectId("5fa96e19ad13e342c23eee15"),
  "emp_id" : 1,
  "emp_name" : "Bhavik",
  "emp_salary" : 60000
}
{
  "_id" : ObjectId("5fa96e7aad13e342c23eee17"),
  "emp_id" : 3,
  "emp_name" : "Martha",
  "emp_salary" : 45000
}
```

```
*****
*****
```