

**SMART BRIDGE
EXTERNSHIP MODERN
APPLICATION
DEVELOPMENT**

JAVA SPRING BOOT



MAY 28, 2023

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20MIC0058**

DRIVE LINK:

FOLDER LINK:

[https://drive.google.com/drive/folders/1dLsy8v6uZ7YgDsHqPE0RXZKSIcfhXmO?usp=share link](https://drive.google.com/drive/folders/1dLsy8v6uZ7YgDsHqPE0RXZKSIcfhXmO?usp=share_link)

ASSESSMENT-1

[https://drive.google.com/drive/folders/13hltXGI0u3Q3znVYptUhP7xsd1amNNCA?usp=share link](https://drive.google.com/drive/folders/13hltXGI0u3Q3znVYptUhP7xsd1amNNCA?usp=share_link)

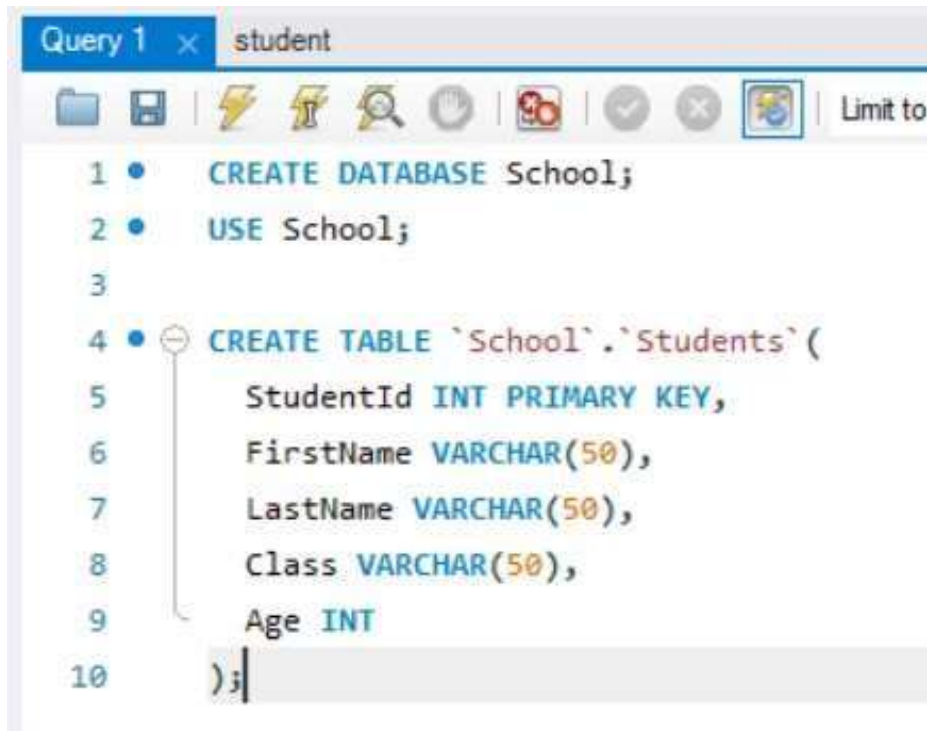
ASSESSMENT-2:

[https://drive.google.com/drive/folders/1kfKEMN3chfC61m6Y6mUMMOjK_E18lDuD?usp=share link](https://drive.google.com/drive/folders/1kfKEMN3chfC61m6Y6mUMMOjK_E18lDuD?usp=share_link)

create ,update,delete commands in mysql
create tables and perform joins in mysql
create ,update,delete commands in mongo

mysql

insert in mysql



The screenshot shows a MySQL query editor window with a tab labeled 'Query 1' and a file named 'student'. The toolbar includes icons for file operations, execution, and search. The query text is as follows:

```
1 • CREATE DATABASE School;
2 • USE School;
3
4 • CREATE TABLE `School`.`Students` (
5     StudentId INT PRIMARY KEY,
6     FirstName VARCHAR(50),
7     LastName VARCHAR(50),
8     Class VARCHAR(50),
9     Age INT
10 ) ;
```

```
1 • | SELECT * FROM student.student;
```

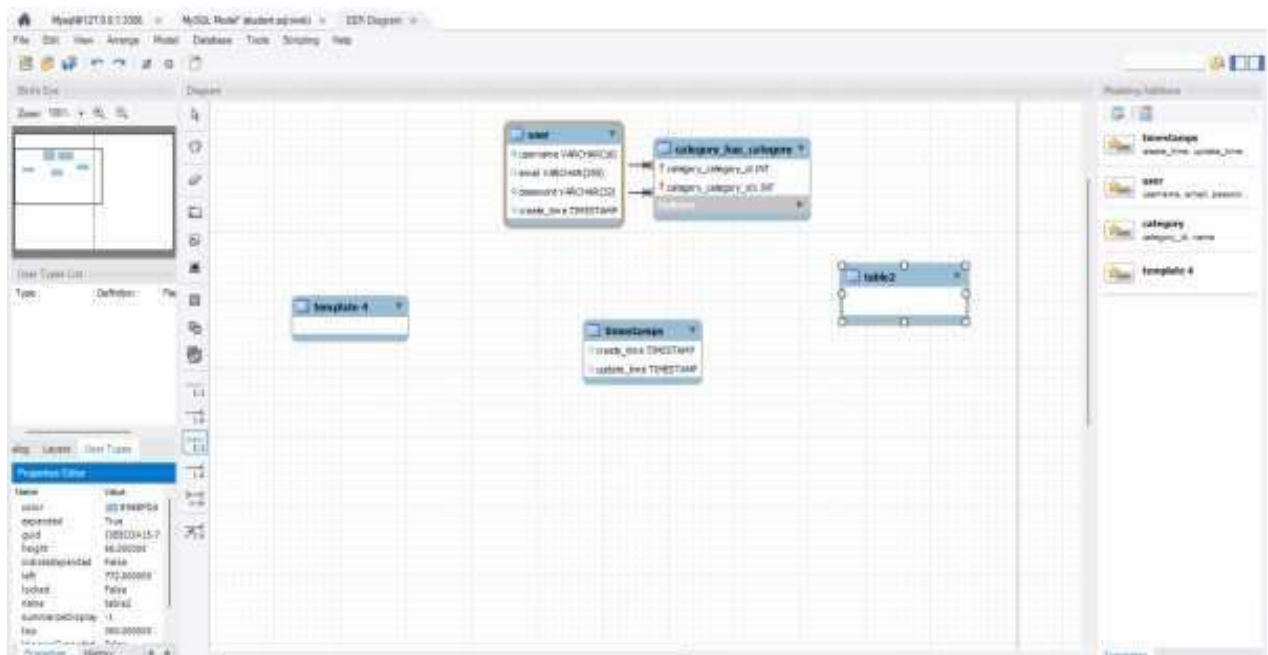
Result Grid					
Filter Rows:					
	Studentid	firstname	lastname	class	age
	1	deekshith	reddy	10	19
	2	lekathia	jain	10	20
	3	surya	karan	9	18
	4	pooja	jn	10	19
▶	5	hari	haran	11	21
•	NULL	NULL	NULL	NULL	NULL

Update and delete command from mysql

```
1 DELETE FROM `student`.`student` WHERE (`Studentid` = '4');  
2
```

```
1 UPDATE `student`.`student` SET `lastname` = '' WHERE (`Studentid` = '4');  
2
```

Perform joins in mysql



Mongodb

```
Command Prompt - mongo

The monitoring data will be available on
and anyone you share the URL with. Mongo
improvements and to suggest MongoDB prod

To enable free monitoring, run the follow
To permanently disable this reminder, ru

---
> show dbs
admin      0.000GB
config     0.000GB
db_school  0.000GB
local      0.000GB
> use db_company
switched to db db_company
> show dbs
admin      0.000GB
config     0.000GB
db_school  0.000GB
local      0.000GB
```

Insert in mongodb

```
Command Prompt - mongo
> db.employee.insert({
...   "emp_id": 1,
...   "emp_name": "Arup Roy",
...   "emp_email": "arup@gmail.com"
... })
WriteResult({ "nInserted" : 1 })
> show collections()
uncaught exception: Error: don't know how to show [collections()] :
shellHelper.show@src/mongo/shell/utils.js:1209:11
shellHelper@src/mongo/shell/utils.js:836:15
@(shellhelp2):1:1
> show collections
employee
> db.employee.find({}).pretty()
{
  "_id" : ObjectId("610accac29f487d9dd6d4ce0"),
  "emp_id" : 1,
  "emp_name" : "Arup Roy",
  "emp_email" : "arup@gmail.com"
}
> db.employee.insert({
...   "emp_id": 2,
...   "emp_name": "John",
...   "emp_email": "john@gmail.com"
... })
WriteResult({ "nInserted" : 1 })
> _
```

Find in mongodb

```
emp_email : john@g
}
> db.employee.count()
2
> db.employee.update({"emp_id
```

Update in mongodb

```
> db.employee.update({"emp_id":2},{ $set: {"emp_name": "Pop"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.employee.find({}).pretty()
{
  "_id" : ObjectId("610accac29f487d9dd6d4ce0"),
  "emp_id" : 1,
  "emp_name" : "Arup Roy",
  "emp_email" : "arup@gmail.com"
}
{
  "_id" : ObjectId("610acd4629f487d9dd6d4ce1"),
  "emp_id" : 2,
  "emp_name" : "Pop",
  "emp_email" : "john@gmail.com"
}
```

Delete in mongodb

```
}
> db.employee.remove({"emp_id":2})
WriteResult({ "nRemoved" : 1 })
> db.employee.find({}).pretty()
{
  "_id" : ObjectId("610accac29f487d9dd6d4ce0"),
  "emp_id" : 1,
  "emp_name" : "Arup Roy",
  "emp_email" : "arup@gmail.com"
}
>
```