

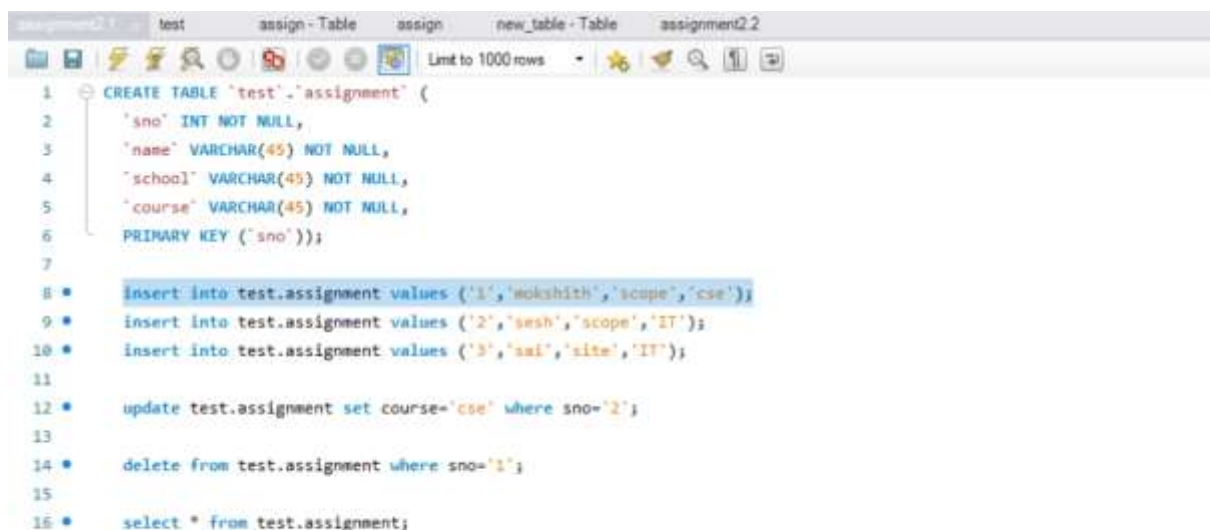
Javaspringboot Assignment 2

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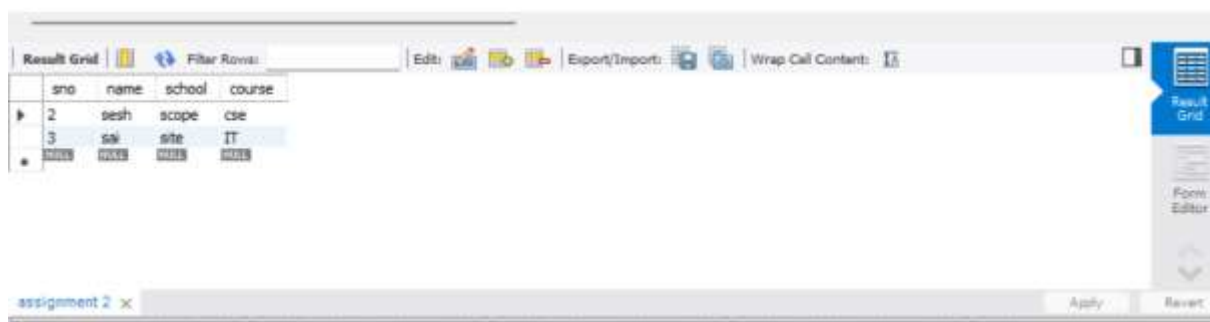
Reg no: 20MIS0276

Question:

create, update, delete commands in MySQL

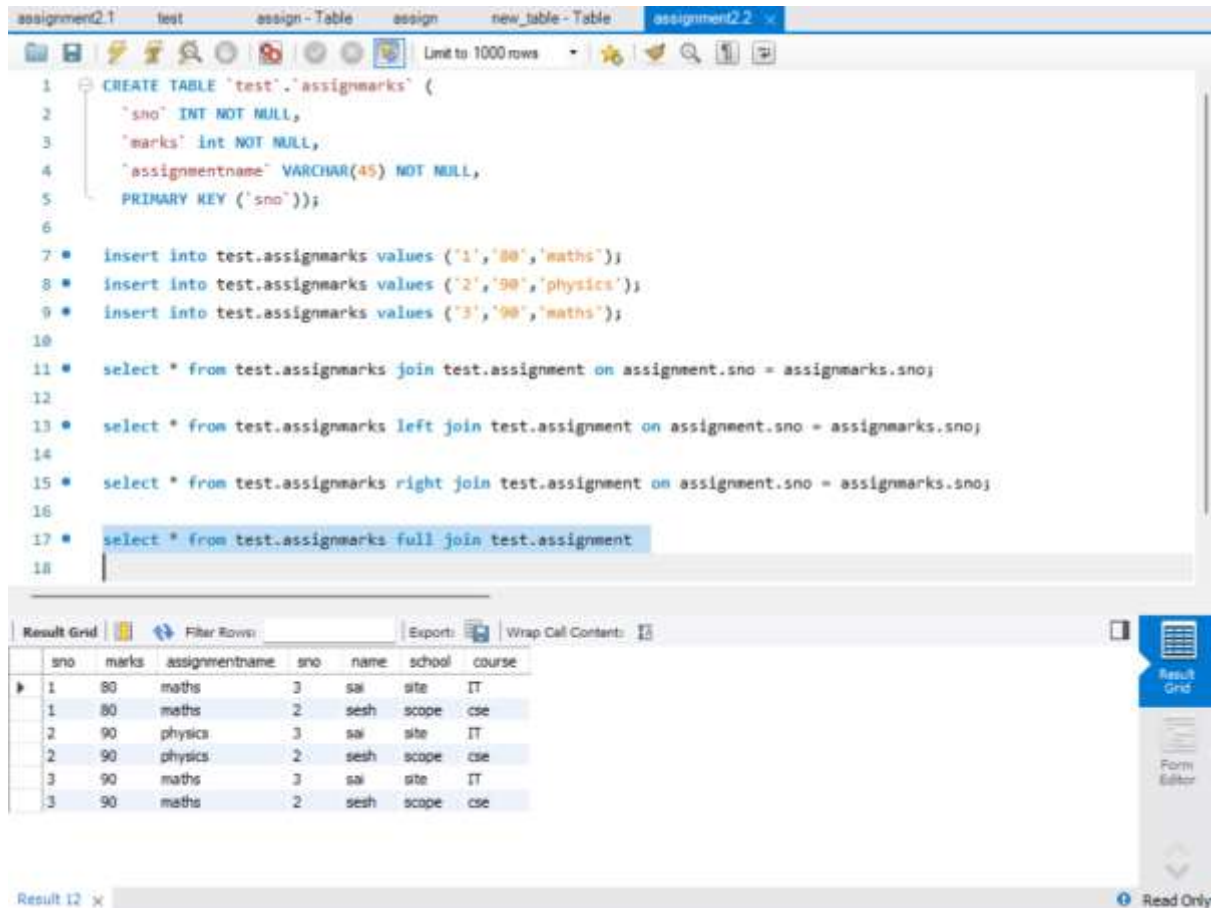


```
1 CREATE TABLE `test`.`assignment` (  
2   `sno` INT NOT NULL,  
3   `name` VARCHAR(45) NOT NULL,  
4   `school` VARCHAR(45) NOT NULL,  
5   `course` VARCHAR(45) NOT NULL,  
6   PRIMARY KEY (`sno`));  
7  
8 * insert into test.assignment values ('1','mokshith','scope','cse');  
9 * insert into test.assignment values ('2','sesh','scope','IT');  
10 * insert into test.assignment values ('3','sai','site','IT');  
11  
12 * update test.assignment set course='cse' where sno='2';  
13  
14 * delete from test.assignment where sno='1';  
15  
16 * select * from test.assignment;
```



sno	name	school	course
2	sesh	scope	cse
3	sai	site	IT

create tables and perform joins in MySQL



The screenshot shows a MySQL IDE interface with a SQL editor and a result grid. The SQL editor contains the following code:

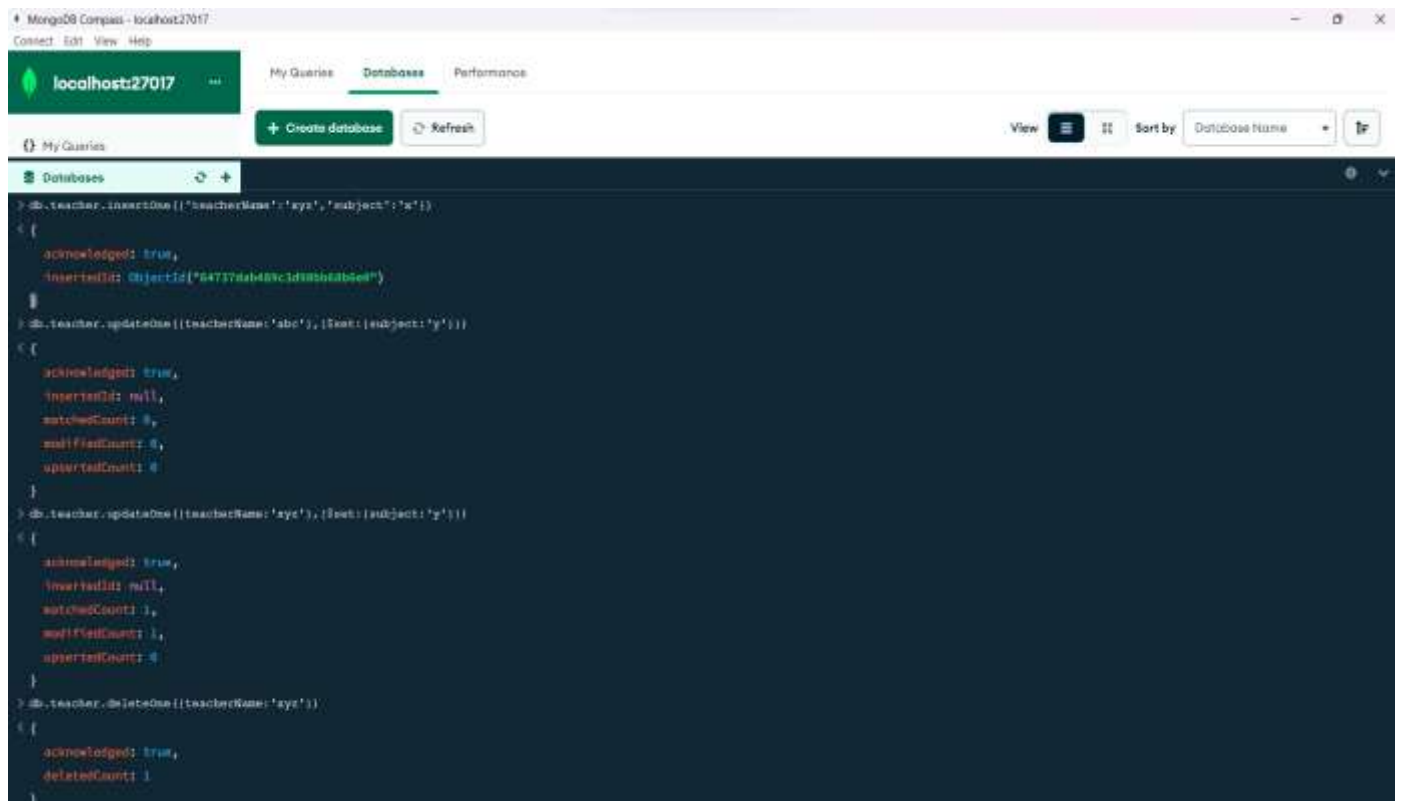
```
1 CREATE TABLE `test`.`assignmarks` (  
2   `sno` INT NOT NULL,  
3   `marks` int NOT NULL,  
4   `assignmentname` VARCHAR(45) NOT NULL,  
5   PRIMARY KEY (`sno`));  
6  
7 * insert into test.assignmarks values ('1','80','maths');  
8 * insert into test.assignmarks values ('2','90','physics');  
9 * insert into test.assignmarks values ('3','90','maths');  
10  
11 * select * from test.assignmarks join test.assignment on assignment.sno = assignmarks.sno;  
12  
13 * select * from test.assignmarks left join test.assignment on assignment.sno = assignmarks.sno;  
14  
15 * select * from test.assignmarks right join test.assignment on assignment.sno = assignmarks.sno;  
16  
17 * select * from test.assignmarks full join test.assignment  
18
```

The result grid displays the output of the last query (Result 12), showing a full join between the `assignmarks` and `assignment` tables. The grid has 8 columns: `sno`, `marks`, `assignmentname`, `sno`, `name`, `school`, and `course`.

	sno	marks	assignmentname	sno	name	school	course
1	80	maths	3	sai	site	IT	
1	80	maths	2	sesh	scope	cse	
2	90	physics	3	sai	site	IT	
2	90	physics	2	sesh	scope	cse	
3	90	maths	3	sai	site	IT	
3	90	maths	2	sesh	scope	cse	

Result 12 x Read Only

create, update, delete commands in mongo



The screenshot shows the MongoDB Compass web interface for a local instance at localhost:27017. The 'Databases' tab is active, displaying a list of databases. Below the list, a terminal window shows the following commands and their results:

```
> db.teacher.insertOne({'teacherName':'xyz','subject':'x'})
< {
  acknowledged: true,
  insertedId: ObjectId("64737ab489c1d88b6d8d6d")
}

> db.teacher.updateOne({'teacherName':'abc'}, {'$set':{'subject':'y'}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}

> db.teacher.updateOne({'teacherName':'xyz'}, {'$set':{'subject':'y'}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

> db.teacher.deleteOne({'teacherName':'xyz'})
< {
  acknowledged: true,
  deletedCount: 1
}
```

```
>_MONGOSH
> db.createCollection("student");
< { ok: 1 }
test> |
```