JAVA SPRING BOOT ASSESSMENT - 2

Name: SUJIT S BAGDURE

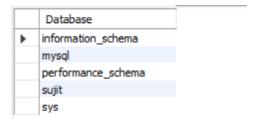
Reg.No: 20BDS0098

MySQL

#create update delete commands in mysql;

show databases;

use sujit;



create table student(id int not null,

name varchar(50) not null,

age int not null,

primary key(id));

show tables;

alter table student add rollno varchar(10) not null;

alter table student add address varchar(10) not null;

describe student;

alter table student drop column address;

	Field	Туре	Null	Key	Default	Extra
•	id	int	NO	PRI	NULL	
	name	varchar(50)	NO		NULL	
	age	int	NO		NULL	
	rollno	varchar(10)	NO		NULL	
	address	varchar(10)	NO		NULL	

insert into student values(101, 'mandar', 15, '20bds0001'), (102, 'sujit', 21, '20bds0002'),

```
(103, 'ajay', 22, '20bds0003'),
(104, 'vijay', 18, '20bds0004'),
(105, 'krishna', 20, '20bds0005');
```

select * from student;

	id	name	age	rollno
•	101	mandar	15	20bds0001
	102	sujit	21	20bds0002
	103	ajay	22	20bds0003
	104	vijay	18	20bds0004
	105	krishna	20	20bds0005
	NULL	NULL	NULL	NULL

update student set rollno='20bds0098' where id='102';

select * from student;

	id	name	age	rollno
•	101	mandar	15	20bds0001
	102	sujit	21	20bds0098
	103	ajay	22	20bds0003
	104	vijay	18	20bds0004
	105	krishna	20	20bds0005
	NULL	NULL	NULL	NULL

delete from student where id=103;

select * from student;

	T			
	id	name	age	rollno
•	101	mandar	15	20bds0001
	102	sujit	21	20bds0098
	104	vijay	18	20bds0004
	105	krishna	20	20bds0005
	NULL	NULL	HULL	NULL

Joins

#joins

create table course(cid int not null, name varchar(50) not null, primary key(cid));

insert into course values(101,'java'),
(102,'cpp'),
(103,'network'),
(104,'webprogramming');

select * from course;

	cid	name
•	101	java
	102	срр
	103	network
	104	webprogramming
	NULL	NULL

select * from student inner join course on course.cid=student.id;

	id	name	age	rollno	cid	name
١	101	mandar	15	20bds0001	101	java
	102	sujit	21	20bds0098	102	срр
	104	vijay	18	20bds0004	104	webprogramming

select * from student left join course on course.cid=student.id;

	id	name	age	rollno	cid	name
•	101	mandar	15	20bds0001	101	java
	102	sujit	21	20bds0098	102	срр
	104	vijay	18	20bds0004	104	webprogramming
	105	krishna	20	20bds0005	NULL	NULL

select * from student right join course on course.cid=student.id;

	id	name	age	rollno	cid	name
•	101	mandar	15	20bds0001	101	java
	102	sujit	21	20bds0098	102	срр
	NULL	NULL	NULL	NULL	103	network
	104	vijay	18	20bds0004	104	webprogramming

select * from student inner join course on course.cid=student.id where id=101;

	id	name	age	rollno	cid	name
١	101	mandar	15	20bds0001	101	java

Mongo dB assignment

To View databases

show dbs

```
sujit> show dbs
admin 40.00 KiB
config 108.00 KiB
local 40.00 KiB
sujit 72.00 KiB
```

Use database

use sujit

```
sujit> use sujit
already on db sujit
```

#create operations

```
Inserting one row
db.emp.insertOne({
... 'name': 'sujit',
... 'lang': 'JavaScript',
... 'member_since': 7
... })
```

Inserting many rows

db.emp.insertMany([{

```
'name': 'mandar',
    'lang': 'cpp',
    'exp': 5
   },
   {'name': 'sunit',
   'lang': 'Python',
    'exp': 3
   },
   {'name': 'devesh',
    'lang': 'Java',
    'exp': 4
... }])
   acknowledged: true,
   insertedIds: {
      '0': ObjectId("6473713681ed3be528f979f2"),
      '1': ObjectId("6473713681ed3be528f979f3"),
      '2': ObjectId("6473713681ed3be528f979f4")
```

db.emp.find()

gives all the content in the employee collection.

db.emp.find()

db.emp.updateOne({})

db.emp.remove({name: 'sujit'})

```
sujit> db.emp.remove({name: 'sujit'})
DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite. { acknowledged: true, deletedCount: 2 }
sujit> |
```