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Assignment - 2

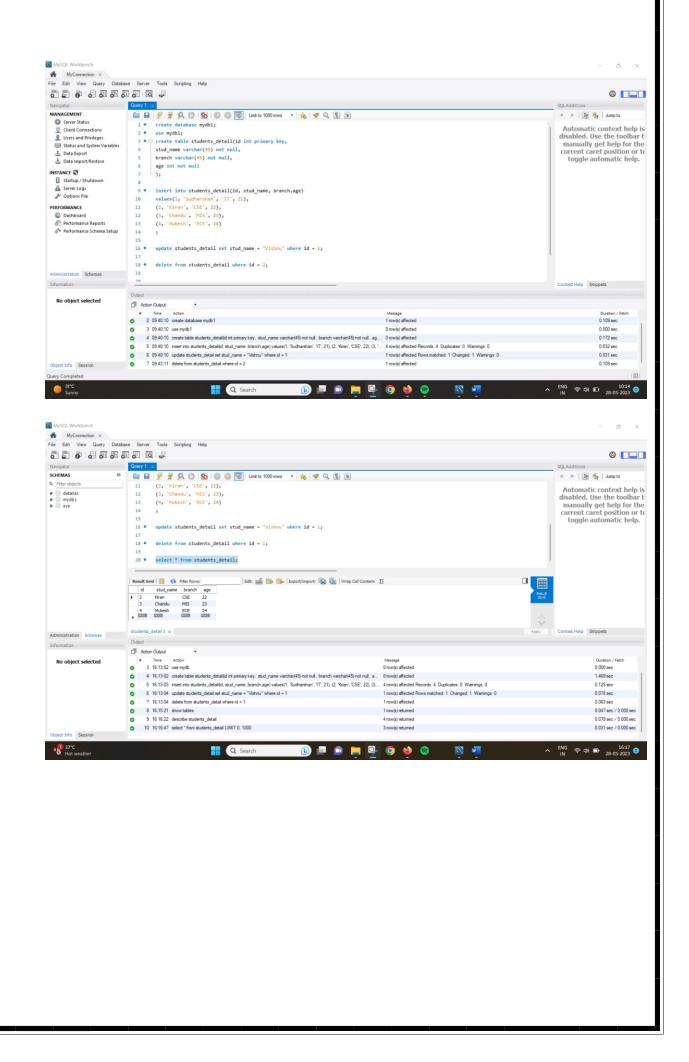
Question:

- 1. Create, update, delete commands in mysql
- 2. Create tables, and perform joins in mysql
- 3. Create, update, delete commands in mongo

MySQL commands:

1. Create, update, delete commands in MySQL

```
create database mydb1;
use mydb1;
create table students_detail(id int primary key,
stud_name varchar(45) not null,
branch varchar(45) not null,
age int not null
);
insert into students_detail(id, stud_name, branch,age)
values(1, 'Sudharshan', 'IT', 21),
(2, 'Kiran', 'CSE', 22),
(3, 'Chandu', 'MIS', 23),
(4, 'Mukesh', 'ECE', 24)
;
update students_detail set stud_name = "Vishnu" where id = 1;
delete from students_detail where id = 2;
```



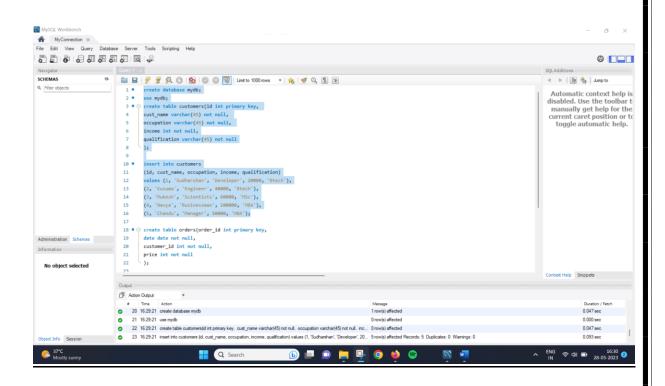
2. Create tables, and perform join operations in MySQL

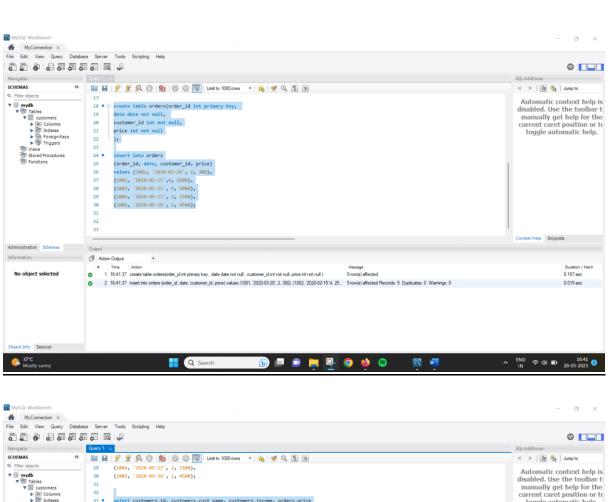
```
create database mydb;
use mydb;
create table customers(id int primary key,
cust name varchar(45) not null,
occupation varchar(45) not null,
income int not null,
qualification varchar(45) not null
);
insert into customers
(id, cust name, occupation, income, qualification)
values (1, 'Sudharshan', 'Developer', 20000, 'Btech'),
(2, 'Kusuma', 'Engineer', 40000, 'Btech'),
(3, 'Mukesh', 'Scientists', 60000, 'MSc'),
(4, 'Navya', 'Businessman', 100000, 'MBA'),
(5, 'Chandu', 'Manager', 50000, 'MBA');
create table orders(order_id int primary key,
date date not null,
customer id int not null,
price int not null
);
insert into orders
(order id, date, customer id, price)
values (1001, '2020-03-20', 2, 300),
(1002, '2020-02-15', 4, 2500),
(1003, '2020-01-31', 5, 5000),
(1004, '2020-09-23', 2, 1500),
(1005, '2020-09-30', 1, 4500);
select customers.id, customers.cust name, customers.income,
orders.price
from customers
```

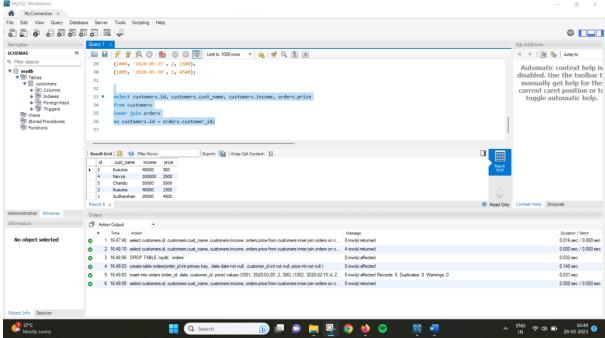
inner join orders
on customers.id = orders.customer_id;

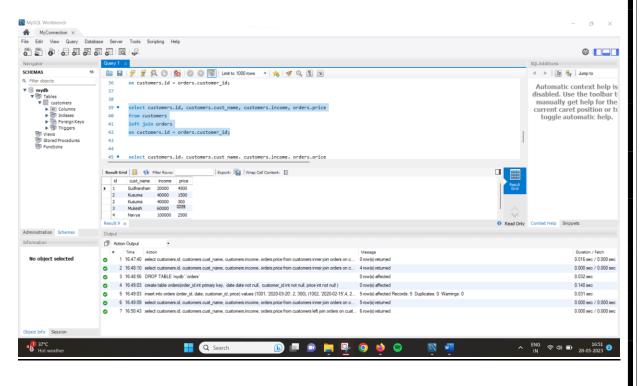
select customers.id, customers.cust_name, customers.income,
orders.price
from customers
left join orders
on customers.id = orders.customer_id;

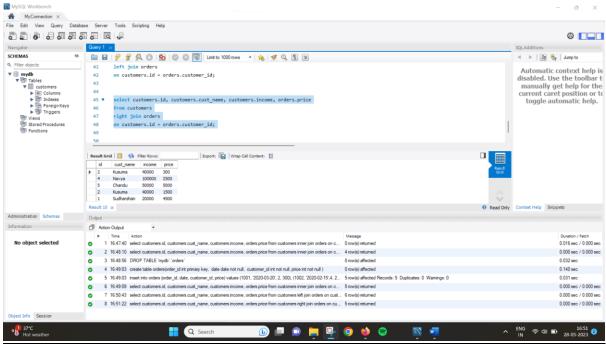
select customers.id, customers.cust_name, customers.income,
orders.price
from customers
right join orders
on customers.id = orders.customer_id;











3. Create, update, delete commands in MongoDB.

Create:

Update:

Delete:

```
> db.student.remove((name:"Sudharshan"))
< DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.

< {
    acknowledged: true,
    deletedCount: 1
  }
  > db.student.find()

< {
    _id: ObjectId("64733f16e94a66239e8467e9"),
    name: 'Chandu',
    email: 'chandu@gmail.com',
    branch: 'NIS',
    age: 23
  }
  {
    _id: ObjectId("64733f16e94a66239e8467ea"),
    name: 'Vishnu',
    email: 'vishnu@gmail.com',
    branch: 'WIS',
    age: 24
  }
}</pre>
```

