

## 15 create two database and perform set operations

```
create database database1;  
create database database2;
```

```
use database1;
```

```
create table table1 (  
    id int primary key,  
    name varchar(50)  
);
```

```
insert into table1 (id, name) values (1, 'john');  
insert into table1 (id, name) values (2, 'alice');  
insert into table1 (id, name) values (3, 'bob');
```

```
use database2;
```

```
create table table2 (  
    id int primary key,  
    name varchar(50)  
);
```

```
insert into table2 (id, name) values (1, 'alice');  
insert into table2 (id, name) values (2, 'bob');  
insert into table2 (id, name) values (3, 'eve');
```

```
select * from database1.table1  
union  
select * from database2.table2;
```

```
select * from database1.table1  
union all  
select * from database2.table2;
```

```
-- intersect  
select name from database1.table1  
intersect  
select name from database2.table2;
```

```
-- except  
select name from database1.table1  
except  
select name from database2.table2;
```