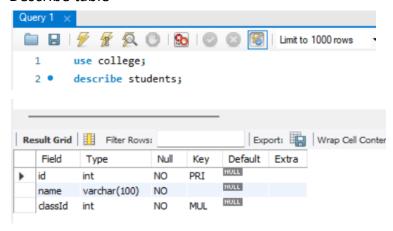
NOTE: I have added the screenshots of the SQL queries with the respective heading.

1. Create table

2. Describe table



3. Alter table

```
ALTER TABLE `college`.`students`

ADD CONSTRAINT `classId`

FOREIGN KEY (`classId`)

REFERENCES `college`.`classes` (`classId`)

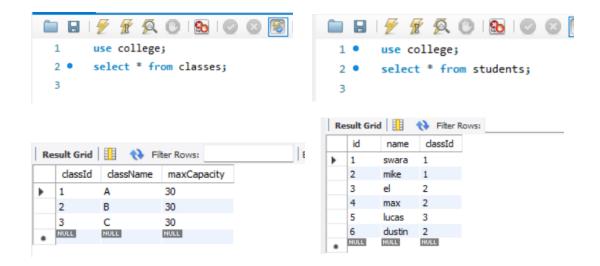
ON DELETE CASCADE

ON UPDATE CASCADE;
```

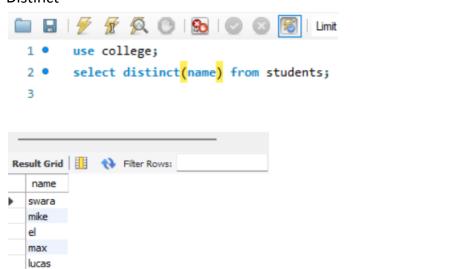
4. Insert into Table

```
use college;
insert into classes values(1,"A",30);
```

5. Select statement

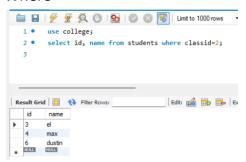


6. Distinct

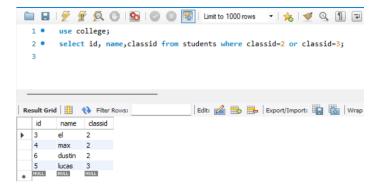


7. Where

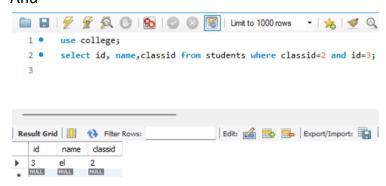
dustin



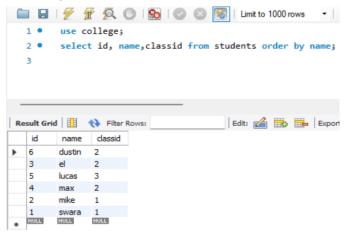
8. Or



9. And



10. Order by

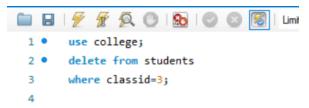


11. Update statement

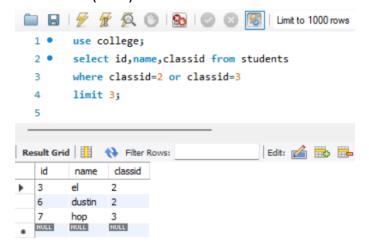
```
Query 1 ×

1 • use college;
2 • update students
3 set classid=3 where id =4;
```

12. Delete row

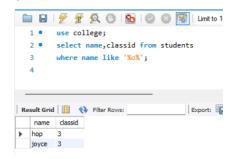


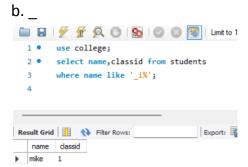
13. Select TOP (limit)



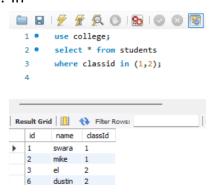
14. Like (Wildcards are % and _)

a. %

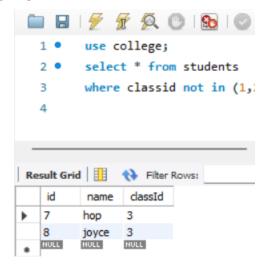




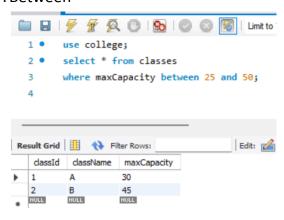
15. In



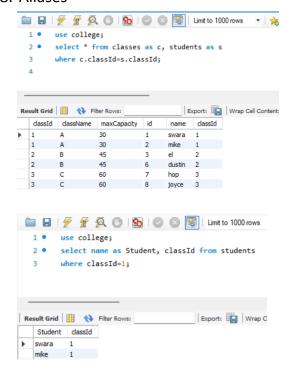
16. NOT IN



17. Between

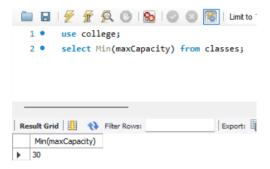


18. Aliases



19. Aggregate Functions

a. Min

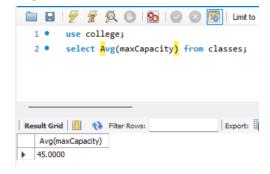


b. Max

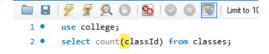




c. Avg



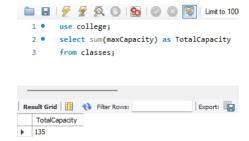
d. Count



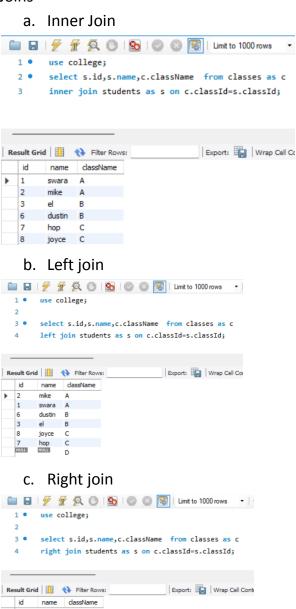


e. Sum

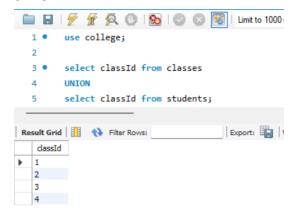
1 swara A
2 mike A
3 el B
6 dustin B
7 hop C
8 joyce C



20. Joins



21. UNION



22. Create table (check, primary key, not null)

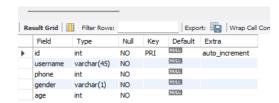
```
🚞 🖫 | 🐓 🏂 👰 🕛 | 🚱 | 💿 🔞 | Limit to 1
 1 •
      use college;
 2 • ⊖ create table users(
       id INT not null,
 3
       username varchar(45) not null,
 4
       phone INT not null,
 5
       gender varchar(1) not null,
 6
       age INT not null,
       check (age>=18),
 8
       primary key (id)
 9
10
      ٠);
11 • describe users;
```

23. Drop table

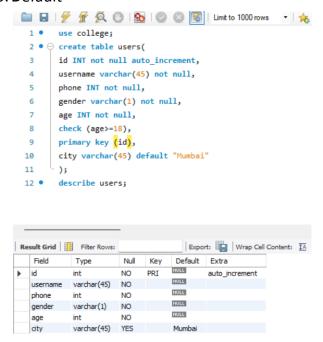
```
1 • use college;
2 • drop table users;
```

24. Auto increment

```
1 • use college;
 2 • ⊖ create table users(
     id INT not null auto_increment,
 3
      username varchar(45) not null,
      phone INT not null,
 6
      gender varchar(1) not null,
     age INT not null,
 7
     check (age>=18),
    primary key (id)
 9
10
     );
11 • describe users;
```

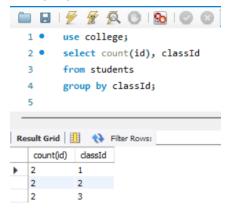


25. Default

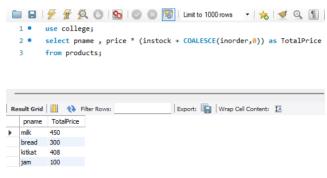


26. Select Into

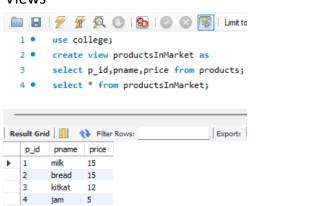
27. Group by



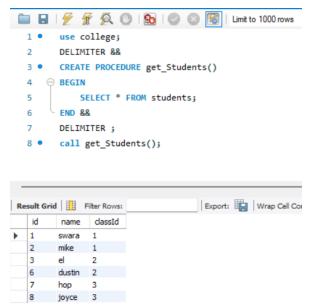
28. Null Functions



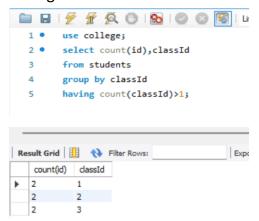
29. Views



30. Stored Procedure



31. Having



32. Prepared Statement

