

Class 3:

1. Creating a view with the result and ID of students with CGPA greater than average CGPA of student table.

```
❏ create view `Good Students` AS
    select ID, CGPA
    FROM student
    where CGPA > (select avg(CGPA) from student);
```

2. Update the created view so that it displays the student with CGPA greater than 3.7.

```
❏ create or replace view `good students`
    AS
    SELECT ID, CGPA
    from student where CGPA >3.7;
```

3. Drop/delete the view

```
❏ DROP View `good students`;
```

4. CREATE unique index to student table

```
❏ CREATE UNIQUE INDEX `serial No.`
    ON student (ID, Name, Semester, CGPA) ;
```

5. Order by

```
❏ select S.Name, P.DOB, S.CGPA as Result
    from `personal info` as P , student as S
    ORDER BY S.CGPA DESC;
```

```
❏ select S.Name, P.DOB, S.CGPA as Result
    from `personal info` as P , student as S
    ORDER BY S.CGPA ASC;
```

```
❏ select S.Name, P.DOB, S.CGPA as Result
    from `personal info` as P , student as S
    ORDER BY S.CGPA DESC LIMIT 3;
```

6. -- RETRIVE all the customers id who made purchase in every month for last six months.

```
->Select ID
FROM `sell info`
where purchase_date >= DATE_SUB(CURRENT_DATE, INTERVAL 6 MONTH)
Group BY ID
Having COUNT(DISTINCT EXTRACT(YEAR_MONTH FROM purchase_date)) = 6;
```