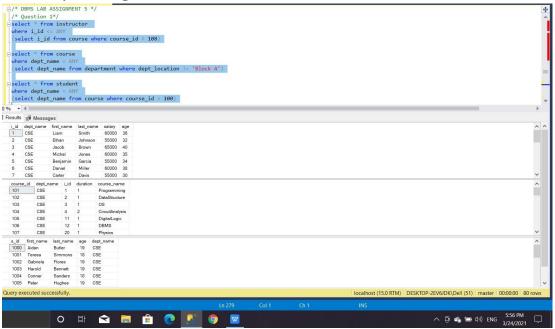
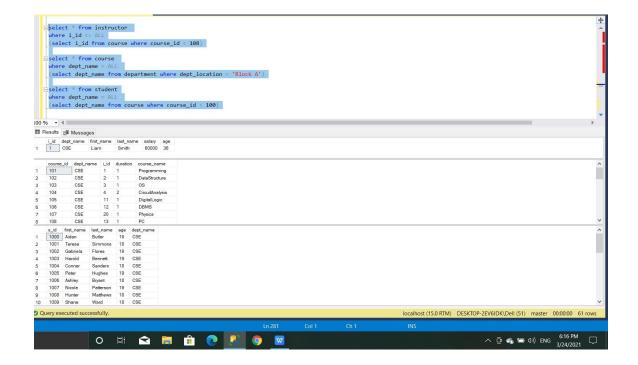
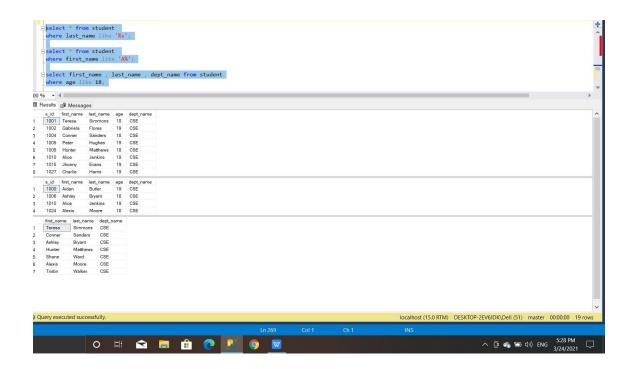
DATABASE MANAGEMENT SYSTEM LAB ASSIGNMENT - 05

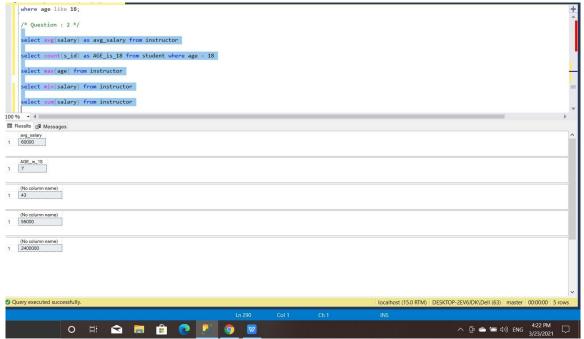
Q1).Illustrate logical ANY, ALL and LIKE operator- the queries should be relevant to your respective databases 3 queries for each operator. One query explaining the difference between ANY and ALL





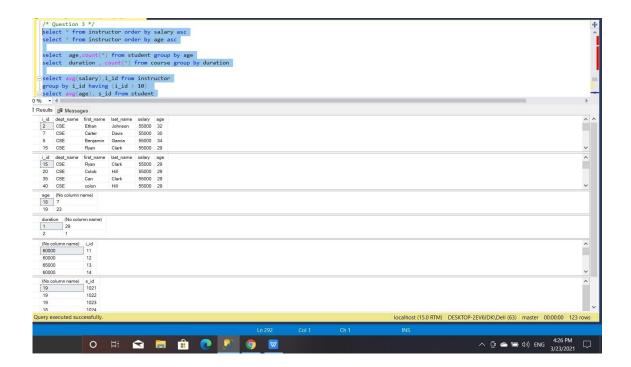


Q2). One query for each Aggregate function

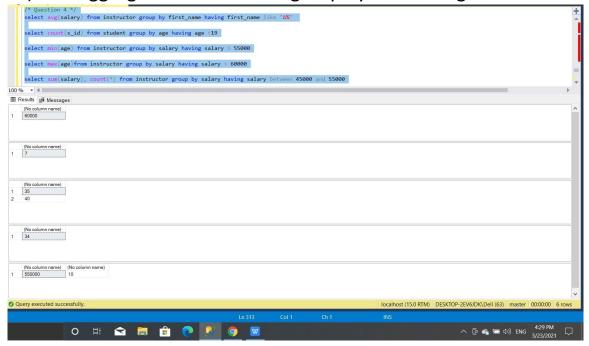


Q3). Illustrate the usage of order by, group by and having clause (2 queries for each case)

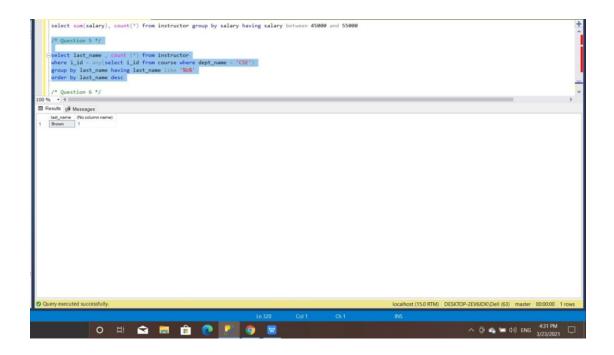
```
select avg(salary),i_id from instructor
group by i_id having (i_id > 10)
select avg(age), s_id from student
group by s_id having (s_id >1020)
```



Q4). Use Aggregate function with group by and having

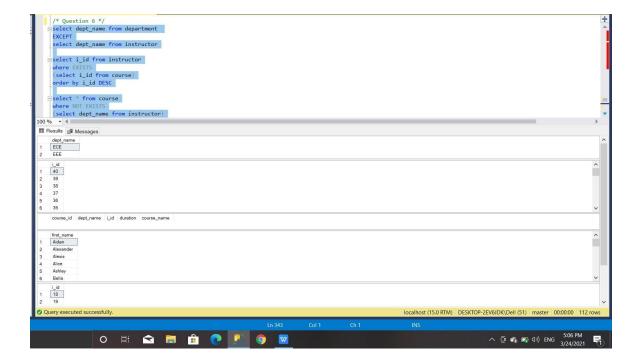


Q5). Write atleast three nested queries using order by, group by and having clause



Q6). Illustrate the Usage of Except, Exists, Not Exists, Union, Intersection

```
/* Question 6 */
select dept_name from department
EXCEPT
select dept_name from instructor
select i id from instructor
where EXISTS
(select i_id from course)
order by i_id DESC
select * from course
where NOT EXISTS
(select dept_name from instructor)
select first_name from instructor
UNION
select first_name from student
select i id from instructor
intersect select age from
student
```



Q7).INNER JOIN, LEFT OUTER JOIN, RIGHT OUTER JOIN- 3 queries for each instance

