

## SQL ASSIGNMENT – 10

1) Write an SQL query to determine the 5th highest salary without using TOP or limit method.

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL code:

```
1 use workers;
2 with table as (
3   select *,row_number() over (order by salary desc) as rownumber from workers.worker_table)
4 select * from table where rownumber=5
```

The result grid shows the following data:

ID	FIRST_NAME	LAST_NAME	CITY	SALARY	DEPARTMENT	JOINING_DATE	EmailID	rownumber
9	pratyusha	ThnS	Mumbai	120000	IT	2020-03-27	pratyushaThn5@gmail.com	5

The Action Output pane shows the execution details:

#	Time	Action	Message	Duration / Fetch
51	16:07:21	with table as (select "row_number()" over (order by salary desc) as rownumber from wor...	1 row(s) returned	0.016 sec / 0.000 sec
52	16:07:38	with table as (select "row_number()" over (order by salary desc) as rownumber from wor...	1 row(s) returned	0.000 sec / 0.000 sec

2) Write an SQL query to fetch the list of employees with the same salary.

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL code:

```
1 use workers;
2 with dummy as (select salary from worker_table group by salary having count(*)>1)
3 select * from worker_table where salary in (select * from dummy) order by salary desc;
```

The result grid shows the following data:

ID	FIRST_NAME	LAST_NAME	CITY	SALARY	DEPARTMENT	JOINING_DATE	EmailID
4	sai	kodu	Nellore	120000	Development	2020-06-07	saiakodu@gmail.com
9	pratyusha	ThnS	Mumbai	120000	IT	2020-03-27	pratyushaThn5@gmail.com
15	Mohan	Thinnaluri	Chennai	36000	Software	2020-07-07	mohanthinnaluri@gmail.com
16	Akhay	Kungulwar	Hyderabad	36000	Civil	2020-06-07	akhay@gmail.com

The Action Output pane shows the execution details:

#	Time	Action	Message	Duration / Fetch
64	16:26:00	(select salary from worker_table group by salary having count(*)>1)	Error Code: 1064. You have an error in your SQL syntax; check the manual that correspo...	0.000 sec
65	16:26:08	with dummy as (select salary from worker_table group by salary having count(*)>1) select ...	4 row(s) returned	0.000 sec / 0.000 sec