

## SQL ASSIGNMENT - 9

1) Write an SQL query to show the top n (say 10) records of a table.

The screenshot shows the MySQL Workbench interface. The 'Query 1' window contains the following SQL query:

```
1 use workers;
2 select * from workers.worker_table limit 10;
```

The 'Result Grid' displays the top 10 records from the 'workers.worker\_table' table. The columns are ID, FIRST\_NAME, LAST\_NAME, CITY, SALARY, DEPARTMENT, JOINING\_DATE, and EmailID. The data is as follows:

ID	FIRST_NAME	LAST_NAME	CITY	SALARY	DEPARTMENT	JOINING_DATE	EmailID
1	Dattu	Thrugunta	Guntur	100000	Analytics	2020-03-07	DattuThrugunta@gmail.com
2	Hick	sebastian	Waynemada	300000	Consulting	2020-04-07	Hicksebastian@gmail.com
3	Afroz	Shak	Veng	150000	Finance	2020-05-07	AfrozShak@gmail.com
4	sai	kodu	heliore	120000	Development	2020-06-07	sai kodu@gmail.com
5	chakri	Thn1	Hyderabad	90000	Software	2020-07-07	chakriThn1@gmail.com
6	budda	Thn2	Warangal	21000	Mechanical	2020-08-07	buddaThn2@gmail.com
7	gupta	Thn3	Chennai	18000	Civil	2020-09-07	guptaThn3@gmail.com
8	usha	Thn4	Gurgaon	70000	Electronics	2020-03-17	ushaThn4@gmail.com
9	pratyusha	Thn5	Mumbai	120000	IT	2020-03-27	pratyushaThn5@gmail.com
10	ram	Thn5	Pune	30000	Sales	2020-04-17	ramThn5@gmail.com

The 'Action Output' window shows the execution of the query, indicating that 10 rows were returned.

2) Write an SQL query to determine the nth (say n=5) highest salary from a table.

The screenshot shows the MySQL Workbench interface. The 'Query 1' window contains the following SQL query:

```
1 use workers;
2 -- select * from workers.worker_table limit 10;
3 select * from workers.worker_table order by SALARY desc limit 4,1;
```

The 'Result Grid' displays the 5th highest salary record from the 'workers.worker\_table' table. The columns are ID, FIRST\_NAME, LAST\_NAME, CITY, SALARY, DEPARTMENT, JOINING\_DATE, and EmailID. The data is as follows:

ID	FIRST_NAME	LAST_NAME	CITY	SALARY	DEPARTMENT	JOINING_DATE	EmailID
9	pratyusha	Thn5	Mumbai	120000	IT	2020-03-27	pratyushaThn5@gmail.com

The 'Action Output' window shows the execution of the query, indicating that 1 row was returned.