

## SQL ASSIGNMENT – 8

1) Write an SQL query to fetch intersecting records of two tables.

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'workers' and 'clone\_worker' tables selected. The main query editor contains the following SQL code:

```
1 use workers;
2 select * from worker_table
3 inner join clone_worker
4 on worker_table.ID = clone_worker.ID;
```

The 'Result Grid' shows the output of the query, displaying columns: ID, FIRST\_NAME, LAST\_NAME, CITY, SALARY, DEPARTMENT, JOINING\_DATE, EmailID. The results are as follows:

ID	FIRST_NAME	LAST_NAME	CITY	SALARY	DEPARTMENT	JOINING_DATE	EmailID
1	Dattu	Thrugunda	Guntur	100000	Analytics	2020-03-07	DattuThrugunda@gmail.com
2	Nick	sebastian	Vijaywada	300000	Consulting	2020-04-07	Nicksebastian@gmail.com
3	Afroz	Shak	Vizag	150000	Finance	2020-05-07	AfrozShak@gmail.com
4	sai	kodu	Nellore	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
13	Satish	Kumar	Coimbatore	650000	Finance	2018-03-07	SatishKumar@gmail.com
12	Nipun	Raj	Bangalore	50000	Finance	2019-01-07	NipunRaj@gmail.com
14	sree	gonugunta	Gudur	10000	Analysis	2020-03-07	sree@gal.com

The bottom status bar shows the message: 'Error Code: 1066. Not unique table/alias: 'worker\_table''.

2) Write an SQL query to show records from one table that another table does not have.

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'workers' and 'clone\_worker' tables selected. The main query editor contains the following SQL code:

```
1 use workers;
2 -- select * from worker_table inner join clone_worker on worker_table.ID = clone_worker.ID;
3 -- insert into worker_table values(15,"Mohan","Thinnaluri","Chennai",360000,"Software","2020-07-07","mohanthinnaluri");
4 select worker_table.ID,worker_table.FIRST_NAME from workers.worker_table
5 left join workers.clone_worker on worker_table.ID=clone_worker.ID
6 where clone_worker.ID is null;
```

The 'Result Grid' shows the output of the query, displaying columns: ID, FIRST\_NAME. The results are as follows:

ID	FIRST_NAME
15	Mohan

The bottom status bar shows the message: 'Error Code: 1066. Not unique table/alias: 'worker\_table''.