Sol:

Let us consider below table.

| **NAME** | **SECTION** |
| --- | --- |
| abc | CS1 |
| bcd | CS2 |
| abc | CS1 |

In the above table, we can find duplicate row using below query.

SELECT name, section FROM tbl

GROUP BY name, section

HAVING COUNT(\*) > 1

**Another Example:**  
Given a table named PERSON task is to write an SQL query to find all duplicate name in the table.  
**Example :**

+----+---------+

| Id | NAME |

+----+---------+

| 1 | REGENT |

| 2 | RESEARCH |

| 3 | FOUNDATION |

+----+---------+

Output :

+---------+

| NAME |

+---------+

| REGENT |

+---------+

The **simple approach** is to make a temporary table which have count of all the names in a table.

Duplicated NAME existed more than one time, so to count the times each NAME exists, we can use the following code:

select NAME, count(NAME) as num

from Person

group by NAME;

| NAME | num |

|---------|-----|

| REGENT | 2 |

| FOUNDATION | 1 |

This is a temporary table, on which we can run the below code to get duplicate NAME.

select NAME from

(

select NAME, count(NAME) as num

from Person

group by NAME

) as statistic

where num > 1;

The **Best approach** is to use **GROUP BY** and **HAVING** condition. It is more effective and faster then previous.

**MySql :**

select NAME

from Person

group by NAME

having count(NAME) > 1;