A student is passed when he scores 40 percent of total marks in a test. Find out how many students passed in each test. Also mention the batch name for that

Step 1:

Accessing data from many tables based on logical relationships between them is the goal of JOINS in SQL. Data from database tables is fetched using JOINS, which then represents the resulting dataset as a different table.

Records can be filtered using the WHERE clause. It is used to exclusively extract records that meet a certain requirement.

With the aid of some functions, identical data can be grouped together using the SQL GROUP BY statement. It will group the rows together if a certain column contains the same values in several rows. Important Information The SELECT statement uses the GROUP BY clause.

Step 2:

select ts.test\_id, b.name as batch, count(1) as students passed from tests t

left join test\_scores ts on t.id = ts.test\_id

join users u on u.id = ts.user\_id

join batches b on b.id = t.batch\_id

where ((ts.score::decimal/t.total\_mark::decimal)\*100) >= 40

group by ts.test\_id,b.name

order by 1;