

# Assignment

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Sept23/ DBT/ 008  
Database Technologies  
Diploma in Advance Computing  
September 2023

## Aggregate Functions.

USE *student\_phone*, *student\_address*, *faculty\_phone*, *faculty\_address*, *batch\_students*, *course\_batches*, *student\_qualifications*, *faculty\_qualifications*, *course\_modules*, *modules*, *faculty*, *student*, *course*, *student\_cards*, and *student\_order* relation to solve the following queries.

1. Count total number of students.
<code>select count(*) count from student;</code>
2. Count total number of students who are born in 1986.
<code>select count(*) from student where extract(year from dob) = 1986;</code>
3. Count total number of students whose namefirst starts with the letter 'B'.
<code>select count(*) from student where namefirst like 'B%';</code>
4. Count total number student who were born in 'July.
<code>select count(*) from student where monthname(dob) = 'july';</code>
5. Display studentID and count the student who are having more than two phones.
<code>select studentid, count(*) from student_phone group by studentid having count(*) &gt; 2;</code>
6. Count unique universities from student_qualifications table.
<code>select distinct university from student_qualifications;</code>
7. Display the university name and the count of those students who have done 'BE'
<code>select university, count(*) students from student_qualifications where name = 'BE' group by university;</code>
8. Count how many students has done 'BE'.
<code>select count(*) students from student_qualifications where name = 'BE';</code>
9. Count how many students has not done 'BE'.
<code>select count(*) students from student_qualifications where name not in ('BE');</code>
10. Find the maximum marks student got in 'BE'.
<code>select max(marks) from student_qualifications where name = 'BE';</code>

11. Find the minimum marks student got in 'BE'.
<code>select min(marks) from student_qualifications where name = 'BE';</code>
12. Count how many course_batches have started on '2016-02-01'.
13. Count the number of students who have more than 60% in 'BE'.
14. Count the number of students who have more than 60% in 'BE' and done from 'Harvard university'.
15. Count number of courses.
16. Count how many distinct universities from student_qualifications table.
17. Find the maximum marks any student has got in "BE".