

# Assignment

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Sept23/ DBT/ 008  
Database Technologies  
Diploma in Advance Computing  
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## 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(*) from student;</code>
2. Count total number of students who are born in 1986.
<code>select count(*) from student where year(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(number) &gt;2 ;</code>
6. Count unique universities from student_qualifications table.
<code>select university,count(*) from student_qualifications group by university having count(university)=1;</code>
7. Display the university name and the count of those students who have done 'BE'
<code>select name ,university,count(*) from student_qualifications where name='be' group by university;</code>
8. Count how many students has done 'BE'.
<code>select name ,count(*) from student_qualifications where name='be' group by name;</code>
9. Count how many students has not done 'BE'.
<code>select count(*) from student_qualifications where name!='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'.
<code>select count(*) from course_batches where starton='2016-02-01' ;</code>
13. Count the number of students who have more than 60% in 'BE'.
<code>select count(*) from student_qualifications where marks&gt;=60 and name='be' ;</code>
14. Count the number of students who have more than 60% in 'BE' and done from 'Harvard university'.
<code>select count(*) from student_qualifications where marks&gt;=60 and name='be' and university='harvard university';</code>
15. Count number of courses.
<code>select count(*) from course;</code>
16. Count how many distinct universities from student_qualifications table.
<code>select count(distinct university) from student_qualifications;</code>
17. Find the maximum marks any student has got in "BE".
<code>select max(marks) from student_qualifications where name='be';</code>