

14/11/2022

Lab Sheet-2

1. Name of the students with RollNo 'A14062' is Shiv.

Query: **select Name from StudentDetails where RollNo = 'A14062';**

2. The total number of students from Trivandrum is 21.

Query: **select count(District) from StudentDetails where District = 'Trivandrum';**

3. The number of students who belong to the state ANDHRA PRADESH is 138.

Query: **select count(State) from StudentDetails where State = 'ANDHRA PRADESH';**

4. Number of students who got admission is ME in the year 2014 is 10.

Query: **select count (*) from StudentDetails where AdmissionYear = 2014 and Branch = 'ME';**

5. Number of students is CSE-A batch with admission year as 2014 is 22.

Query: **select count (*) from StudentDetails where Branch = 'CSE' and Batch = 'A' and AdmissionYear = 2014;**

Year of admission	No. of students in CSE	No. of students in ME	No. of students in EEE	No. of students in ECE
2005	0 Query: select count (*) from StudentDetails where Branch = 'CSE' and AdmissionYear = 2005;	0 Query: select count (*) from StudentDetails where Branch = 'ME' and AdmissionYear = 2005;	0 Query: select count (*) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2005;	24 Query: select count (*) from StudentDetails where Branch = 'ECE' and AdmissionYear = 2005;
2012	4 Query: select count (*) from StudentDetails where Branch = 'CSE' and AdmissionYear = 2012;	49 Query: select count (*) from StudentDetails where Branch = 'ME' and AdmissionYear = 2012;	32 Query: select count (*) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2012;	11 Query: select count (*) from StudentDetails where Branch = 'ECE' and AdmissionYear = 2012;
2010	13 Query: select count (*) from StudentDetails where Branch = 'CSE' and AdmissionYear = 2010;	0 Query: select count (*) from StudentDetails where Branch = 'ME' and AdmissionYear = 2010;	27 Query: select count (*) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2010;	19 Query: select count (*) from StudentDetails where Branch = 'ECE' and AdmissionYear = 2010;

2008	37 Query: select count (*) from StudentDetails where Branch = 'CSE' and AdmissionYear = 2008;	12 Query: select count (*) from StudentDetails where Branch = 'ME' and AdmissionYear = 2008;	0 Query: select count (*) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2008;	0 Query: select count (*) from StudentDetails where Branch = 'ECE' and AdmissionYear = 2008;
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	CSE	ME
No.of Boys	101 Query: select count (*) from StudentDetails where Branch = 'CSE' and Gender = 'Male';	126 Query: select count (*) from StudentDetails where Branch = 'ME' and Gender = 'Male';
No.of Girls	39 Query: select count (*) from StudentDetails where Branch = 'CSE' and Gender = 'Female';	1 Query: select count (*) from StudentDetails where Branch = 'ME' and Gender = 'Female';
No.of Hostelites	73 Query: select count (*) from StudentDetails where Branch = 'CSE' and HorD = 'Hostelite';	68 Query: select count (*) from StudentDetails where Branch = 'ME' and HorD = 'Hostelite';
No.of Dayscholars	67 Query: select count (*) from StudentDetails where Branch = 'CSE' and HorD = 'Dayscholar';	59 Query: select count (*) from StudentDetails where Branch = 'ME' and HorD = 'Dayscholar';

	CSE	ME	EEE	ECE
No.of 2014 admission students having CGPA greater than 9	3 Query: select count (*) from StudentDetails where Branch = 'CSE' and AdmissionYear = 2014 and CGPA > 9.0;	1 Query: select count (*) from StudentDetails where Branch = 'ME' and AdmissionYear = 2014 and CGPA > 9.0;	3 Query: select count (*) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2014 and CGPA > 9.0;	3 Query: select count (*) from StudentDetails where Branch = 'ECE' and AdmissionYear = 2014 and CGPA > 9.0;
No.of hostelite students having CGPA less than 6	13 Query: select count (*) from StudentDetails where Branch = 'CSE' and HorD = 'Hostelite' and CGPA < 6.0;	10 Query: select count (*) from StudentDetails where Branch = 'ME' and HorD = 'Hostelite' and CGPA < 6.0;	9 Query: select count (*) from StudentDetails where Branch = 'EEE' and HorD = 'Hostelite' and CGPA < 6.0;	13 Query: select count (*) from StudentDetails where Branch = 'ECE' and HorD = 'Hostelite' and CGPA < 6.0;
No.of scholar students having CGPA greater than 8	31 Query: select count (*) from StudentDetails where Branch = 'CSE' and HorD = 'Dayscholar' and CGPA > 8.0;	27 Query: select count (*) from StudentDetails where Branch = 'ME' and HorD = 'Dayscholar' and CGPA > 8.0;	9 Query: select count (*) from StudentDetails where Branch = 'EEE' and HorD = 'Dayscholar' and CGPA > 8.0;	15 Query: select count (*) from StudentDetails where Branch = 'ECE' and HorD = 'Dayscholar' and CGPA > 8.0;
No.of female students having CGPA between 5 and 7	6 Query: select count (*) from StudentDetails where Branch = 'CSE' and Gender = 'Female' and 5 < CGPA and CGPA < 7.0;	0 Query: select count (*) from StudentDetails where Branch = 'ME' and Gender = 'Female' and 5 < CGPA and CGPA < 7.0;	3 Query: select count (*) from StudentDetails where Branch = 'EEE' and Gender = 'Female' and 5 < CGPA and CGPA < 7.0;	15 Query: select count (*) from StudentDetails where Branch = 'ECE' and Gender = 'Female' and 5 < CGPA and CGPA < 7.0;

	CSE, 2014 Admission	ME, 2014 Admission	EEE, 2014 Admission	ECE, 2014 Admission
Average CGPA	7.5221739130434795 Query: select avg (CGPA) from StudentDetails where Branch = 'CSE' and AdmissionYear = 2014;	7.198 Query: select avg (CGPA) from StudentDetails where Branch = 'ME' and AdmissionYear = 2014;	7.527500000000002 Query: select avg (CGPA) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2014;	7.4559999999999999 Query: select avg (CGPA) from StudentDetails where Branch = 'ECE' and AdmissionYear = 2014;
Average CGPA of Girls	7.198 Query: select avg(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2014 and Gender='Female';	null Query: select avg(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2014 and Gender='Female';	7.406000000000001 Query: select avg(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2014 and Gender='Female';	7.68 Query: select avg(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2014 and Gender='Female';
Average CGPA of Boys	6.825 Query: select avg(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2014 and Gender='Male';	7.198 Query: select avg(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2014 and Gender='Male';	7.553913043478262 Query: select avg(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2014 and Gender='Male';	7.2319999999999999 Query: select avg(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2014 and Gender='Male';
Average CGPA of Hostelites	7.111818181818182 Query: select avg(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2014 and HorD='Hostelite';	7.663333333333334 Query: select avg(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2014 and HorD='Hostelite';	7.473750000000002 Query: select avg(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2014 and HorD='Hostelite';	7.6647058823529415 Query: select avg(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2014 and HorD='Hostelite';
Average CGPA of Dayscholars	7.898333333333333 Query: select avg(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2014 and	6.5 Query: select avg(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2014 and	7.85 Query: select avg(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2014 and	6.273333333333333 Query: select avg(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2014 and

	HorD='Dayscholar' ;	HorD='Dayscholar' ;	HorD='Dayscholar' ;	HorD='Dayscholar' ;
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	CSE, 2014 Admission	ME, 2014 Admission	EEE, 2014 Admission	ECE, 2014 Admission
Max CGPA	9.5 Query: select max(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014;	9.64 Query: select max(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014;	9.49 Query: select max(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014;	9.64 Query: select max(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014;
Min CGPA	4.03 Query: select min(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014;	5.39 Query: select min(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014;	4.03 Query: select min(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014;	4.03 Query: select min(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014;
Max CGPA of Hostelites Boys	9.5 Query: select max(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Male';	9.64 Query: select max(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Male';	9.49 Query: select max(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Male';	9.12 Query: select max(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Male';
Min CGPA of Dayscholar Boys from kollam district	6.74 Query: select min(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014 and HorD='Dayscholar' ' and District='Kollam' and Gender='Male';	6.63 Query: select min(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014 and HorD='Dayscholar' ' and District='Kollam' and Gender='Male';	8.58 Query: select min(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and HorD='Dayscholar' ' and District='Kollam' and Gender='Male';	null Query: select min(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014 and HorD='Dayscholar' ' and District='Kollam' and Gender='Male';

Max CGPA of Hostellite girls	8.65 Query: select max(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Female';	null Query: select max(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Female';	9.12 Query: select max(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Female';	9.64 Query: select max(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014 and HorD='Hostelite' and Gender='Female';
Max CGPA of Hostellite students from BIHAR	9.5 Query: select max(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014 and HorD='Hostelite' and State='BIHAR';	Null Query: select max(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014 and HorD='Hostelite' and State='BIHAR';	null Query: select max(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and HorD='Hostelite' and State='BIHAR';	5.39 Query: select max(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014 and HorD='Hostelite' and State='BIHAR';
Min CGPA of students from Trivandru m district of KERALA	4.03 Query: select min(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014 and District='Trivandr um';	null Query: select min(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014 and District='Trivandr um';	null Query: select min(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and District='Trivandr um';	null Query: select min(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014 and District='Trivandr um';