Name: Gautam Rajesh

Class: Sem-1, CSE-D

RollNo.: AM.EN.U4CSE22323

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

2008	37	12	0	0
	Query: select	Query: select	Query: select	Query: select
	count (*) from	count (*) from	count (*) from	count (*) from
	StudentDetails	StudentDetails	StudentDetails	StudentDetails
	where Branch =	where Branch =	where Branch =	where Branch =
	'CSE' and	'ME' and	'EEE' and	'ECE' and
	AdmissionYear =	AdmissionYear =	AdmissionYear =	AdmissionYear =
	2008;	2008;	2008;	2008;

	CSE	ME
No.of Boys	101	126
110.01.20,5	Query: select count (*) from	Query: select count (*) from
	StudentDetails where Branch =	StudentDetails where Branch =
	'CSE' and Gender = 'Male';	'ME' and Gender = 'Male';
No.of Girls	39	1
110.01 011.15	Query: select count (*) from	Query: select count (*) from
	StudentDetails where Branch =	StudentDetails where Branch =
	'CSE' and Gender = 'Female';	'ME' and Gender = 'Female';
No.of Hostelites	73	68
Troisi Hostentes	Query: select count (*) from	Query: select count (*) from
	StudentDetails where Branch =	StudentDetails where Branch =
	'CSE' and HorD = 'Hostelite';	'ME' and HorD = 'Hostelite';
No.of Dayscholars	67	59
rtoror Daysonolars	Query: select count (*) from	Query: select count (*) from
	StudentDetails where Branch =	StudentDetails where Branch =
	'CSE' and HorD = 'Dayscholar';	'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 No.of scholar students having	Query: select count (*) from StudentDetails where Branch = 'CSE' and HorD = 'Hostelite' and CGPA < 6.0; 31 Query: select count (*) from StudentDetails where Branch =	10 Query: select count (*) from StudentDetails where Branch = 'ME' and HorD = 'Hostelite' and CGPA < 6.0; 27 Query: select count (*) from StudentDetails where Branch =	9 Query: select count (*) from StudentDetails where Branch = 'EEE' and HorD = 'Hostelite' and CGPA < 6.0; 9 Query: select count (*) from StudentDetails where Branch =	13 Query: select count (*) from StudentDetails where Branch = 'ECE' and HorD = 'Hostelite' and CGPA < 6.0; 15 Query: select count (*) from StudentDetails where Branch =
CGPA greater than 8 No.of female students having CGPA between 5	'CSE' and HorD = 'Dayscholar' and CGPA > 8.0; 6 Query: select count (*) from StudentDetails where Branch = 'CSE' and Gender = 'Female' and 5 < CGPA and	'ME' and HorD = 'Dayscholar' and CGPA > 8.0; O Query: select count (*) from StudentDetails where Branch = 'ME' and Gender = 'Female' and 5 < CGPA and	'EEE' and HorD = 'Dayscholar' and CGPA > 8.0; 3 Query: select count (*) from StudentDetails where Branch = 'EEE' and Gender = 'Female' and 5 < CGPA and	'ECE' and HorD = 'Dayscholar' and CGPA > 8.0; 15 Query: select count (*) from StudentDetails where Branch = 'ECE' and Gender = 'Female' and 5 < CGPA and
and 7	CGPA < 7.0;	CGPA < 7.0;	CGPA < 7.0;	CGPA < 7.0;

	CSE, 2014	ME, 2014	EEE, 2014	ECE, 2014
	Admission	Admission	Admission	Admission
Average CGPA	7.5221739130434 795 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;	7.527500000000 002 Query: select avg (CGPA) from StudentDetails where Branch = 'EEE' and AdmissionYear = 2014;	7.45599999999999999999999999999999999999
Average CGPA of Girls	7.198 Query: select avg(CGPA) from StudentDetails where Branch='CSE' and	null Query: select avg(CGPA) from StudentDetails where Branch='ME' and	7.406000000000 001 Query: select avg(CGPA) from StudentDetails where	7.68 Query: select avg(CGPA) from StudentDetails where Branch='ECE' and
_	AdmissionYear=20 14 and Gender='Female';	AdmissionYear=2 014 and Gender='Female';	Branch='EEE' and AdmissionYear=2 014 and Gender='Female';	AdmissionYear=20 14 and Gender='Female';
Average CGPA of	6.825 Query: select avg(CGPA) from	7.198 Query: select avg(CGPA) from	7.553913043478 262 Query: select	7.2319999999999 99 Query: select
Boys	StudentDetails where Branch='CSE' and AdmissionYear=20 14 and Gender='Male';	StudentDetails where Branch='ME' and AdmissionYear=2 014 and Gender='Male';	avg(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and Gender='Male';	avg(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=20 14 and Gender='Male';
Average CGPA of	7.1118181818181 82	7.66333333333 334	7.473750000000 002	7.6647058823529 415
Hostelites	Query: select avg(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=20 14 and	Query: select avg(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014 and	Query: select avg(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014 and	Query: select avg(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=20 14 and
Average	HorD='Hostelite'; 7.8983333333333	HorD='Hostelite'; 6.5	HorD='Hostelite'; 7.85	HorD='Hostelite'; 6.2733333333333
CGPA of Dayschola rs	33 Query: select avg(CGPA) from StudentDetails where	Query: select avg(CGPA) from StudentDetails where Branch='ME' and	Query: select avg(CGPA) from StudentDetails where Branch='EEE' and	Query: select avg(CGPA) from StudentDetails where
	Branch='CSE' and AdmissionYear=20 14 and	AdmissionYear=2 014 and	AdmissionYear=2 014 and	Branch='ECE' and AdmissionYear=20 14 and

HorD='Dayscholar'	HorD='Dayscholar	HorD='Dayscholar	HorD='Dayscholar'
•	1,	1,	•

	CSE, 2014	ME, 2014	EEE, 2014	ECE, 2014
	Admission	Admission	Admission	Admission
Max CGPA Min CGPA	9.5 Query: select max(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2 014; 4.03 Query: select min(CGPA) from StudentDetails where Branch='CSE' and AdmissionYear=2	9.64 Query: select max(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2 014; 5.39 Query: select min(CGPA) from StudentDetails where Branch='ME' and AdmissionYear=2	9.49 Query: select max(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2 014; 4.03 Query: select min(CGPA) from StudentDetails where Branch='EEE' and AdmissionYear=2	9.64 Query: select max(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2 014; 4.03 Query: select min(CGPA) from StudentDetails where Branch='ECE' and AdmissionYear=2
Max CGPA of Hostelelit e 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';	014; 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 Dayschol ar 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	8.65	null	9.12	9.64
	Query: select	Query: select	Query: select	Query: select
CGPA of	max(CGPA) from	max(CGPA) from	max(CGPA) from	max(CGPA) from
Hostellite	StudentDetails	StudentDetails	StudentDetails	StudentDetails
girle	where	where	where	where
girls	Branch='CSE' and	Branch='ME' and	Branch='EEE' and	Branch='ECE' and
	AdmissionYear=2	AdmissionYear=2	AdmissionYear=2	AdmissionYear=2
	014 and	014 and	014 and	014 and
	HorD='Hostelite'	HorD='Hostelite'	HorD='Hostelite'	HorD='Hostelite'
	and	and	and	and
	Gender='Female';	Gender='Female';	Gender='Female';	Gender='Female';
Max	9.5	Null	null	5.39
CGPA of	Query: select	Query: select	Query: select	Query: select
	max(CGPA) from	max(CGPA) from	max(CGPA) from	max(CGPA) from
Hostellite	StudentDetails	StudentDetails	StudentDetails	StudentDetails
students	where	where	where	where
	Branch='CSE' and AdmissionYear=2	Branch='ME' and AdmissionYear=2	Branch='EEE' and AdmissionYear=2	Branch='ECE' and AdmissionYear=2
from	014 and	014 and	014 and	014 and
BIHAR	HorD='Hostelite'	HorD='Hostelite'	HorD='Hostelite'	HorD='Hostelite'
	and	and	and	and
	State='BIHAR';	State='BIHAR';	State='BIHAR';	State='BIHAR';
Min	4.03	null	null	null
	Query: select	Query: select	Query: select	Query: select
CGPA of	min(CGPA) from	min(CGPA) from	min(CGPA) from	min(CGPA) from
students	StudentDetails	StudentDetails	StudentDetails	StudentDetails
from	where Branch='CSE' and	where Branch='ME' and	where Branch='EEE' and	where Branch='ECE' and
Trivandru	AdmissionYear=2	AdmissionYear=2	AdmissionYear=2	AdmissionYear=2
	014 and	014 and	014 and	014 and
m	District='Trivandr	District='Trivandr	District='Trivandr	District='Trivandr
district of	um';	um';	um';	um';
KERALA				