

Practical No.03

1. Display records from Student

-> `SELECT * FROM student;`

Output:

	sid	sname	address	dob	age	phone	depno	hostelid	marks
▶	1	shubham	aurangabad	1999-08-29	21	8888385538	1	1	88
	2	Sandeep	Waluj	2001-11-07	22	9374937383	1	2	99
	3	Kunal	Waluj	2002-12-03	3	35568446	1	2	87
	4	Varun	Mumbai	2003-12-02	50	334385538	1	3	95
	5	Vaibhav	New York City	2000-08-13	21	4644564634	2	4	90
	6	Shubham Umbarje	California	1947-08-15	26	459938389	2	0	NULL
	7	Ajay	Africa	1947-03-19	26	459938389	3	0	88
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

2. Display records from Department

-> `SELECT * FROM department;`

output:

	fid	fname	salary	mobile	depno
▶	1	Prof. Katkar	399999	1464259887	1
	2	Prof. Palkar	599999	9875451265	1
	3	Prof. Khidse	553569	1248364896	2
	4	Prof. Pachpatil	356352	1487526948	2
*	NULL	NULL	NULL	NULL	NULL

3. Display max marks of student

->

`SELECT max(marks) AS Max_Marks FROM student;`

output:

	Max_Marks
▶	99

4. Display Average, minimum Marks from student

-> `SELECT AVG(marks) AS AVG_MARKS , MIN(marks) AS MIN_MARKS from student;`

output:

	AVG_MARKS	MIN_MARKS
▶	91.1667	87

5. Display total number of faculty

->

```
SELECT COUNT(fid) as TOTAL_FACULTY from faculty;
```

output:

	TOTAL_FACULTY
▶	4

6. Display total student departmentwise.

->

```
SELECT COUNT(sid),dname FROM student,department WHERE  
student.depno = department.depno GROUP BY  
department.depno;
```

output:

	COUNT(sid)	dname
▶	4	CSE
	2	AI&DS
	1	CIVIL

7. Display faculty id, faculty name, department name in descending order

->

```
SELECT fid,fname,dname from faculty, department WHERE  
faculty.depno = department.depno order by fid desc;
```

output:

	fid	fname	dname
▶	4	Prof. Pachpatil	AI&DS
	3	Prof. Khidse	AI&DS
	2	Prof. Palkar	CSE
	1	Prof. Katkar	CSE

8. Display total number of in each department with department name

->

```
SELECT COUNT(fid) as Count, department.dname from  
faculty,department WHERE department.depno =  
faculty.depno GROUP BY department.depno;
```

output:

	Count	dname
▶	2	CSE
	2	AI&DS