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show databases;
use practice;
show tables;
desc students;
desc departments;

select * from students;
select * from departments;

insert into students values(6,'Vineeth','Tamil',87);
insert into students values(1,'Vineeth','Tamil',87),(2,'Hari','English',55),(3,'Devi','Maths',67),
(4,'Kamal','Science',78),(5,'David','Social',86);
insert into shopping values('Talc powder',50),('Medimix',24.5),('Boost',123),('Horlicks',125.34),
('Soap',54);

select s1.Roll_No,s1.Name,s1.subject,s1.marks from students s1
where s1.marks in (select s2.marks from students s2 where s2.marks > 65);

select product_name
from shopping where product_price > (select avg(product_price) from shopping);

select Roll_no,Name,marks, Dense_Rank() over(order by marks desc) as rank_val from students;

select avg(salary) as Avg from employees;

select employees.employee_id,employees.name,
departments.department_id,departments.department_name
from employees
right join departments
on employees.department_id = departments.department_id
union
select employees.employee_id,employees.name,
departments.department_id,departments.department_name
from employees
left join departments
on employees.department_id = departments.department_id;

select departments.department_name,count(*)
from employees
cross join departments group by departments.department_name order by
departments.department_name;

SELECT a.name AS employee, b.name AS manager
FROM employees a, employees b
WHERE a.manager_id = b.employee_id;
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