```sql
use data_new

-- 1) show all columns and rows in the table
select * from salaries
-- 2) show only the EmployeeName and JobTitle columns.
select EmployeeName,JobTitle from salaries
-- 3)  show the num of Employees in the table
select count(EmployeeName) from salaries
-- 4) show the unique job titles in the table
select distinct JobTitle from salaries
-- 5) show the JobTitle and overtime pay for all employees with overtime
-- pay greater than 50000
select JobTitle, Overtimepay from salaries  where  Overtimepay > 50000
-- 6) show the avg BasePay for all employee
select avg(BasePay) as "AVG BasePay" from salaries
-- 7) show the top 10 highest paid employees
select EmployeeName,TotalPay from salaries order by TotalPay desc limit 10
-- 8) show the avg of BasePay , OvertimePay, and OtherPay for each
Employee
select EmployeeName, (BasePay + OvertimePay + OtherPay)/3 as "AVG of
BP_OTP_OP" from salaries
-- 9) show all employees who have the word "Manager" in their JobTitle
select EmployeeName,JobTitle from salaries
where JobTitle LIKE "%Manager%"
-- 10) show all employees with a JobTitle not equal to "Manager"
select EmployeeName,JobTitle from salaries
WHERE JobTitle <> "%Manager%"  -- <not =>
-- 11) show all employees with total pay b/w 50,000 and 75,000
select EmployeeName,TotalPay from salaries where TotalPay >=50000 and
TotalPay <= 75000
-- or
select EmployeeName,TotalPay from salaries where TotalPay BETWEEN 50000
and 75000
-- 12) show all employees with a basepay less than 50,000
-- or a total pay greater than 10,000
select EmployeeName , BasePay , TotalPay from salaries where BasePay <=
50000 and TotalPay >= 10000
-- 13) show all employees with a TotalPay benefits value
-- b/w 125,000 and 150,000 and job title containing the word "Director"
select * from salaries
select EmployeeName,JobTitle,TotalPayBenefits from salaries
where TotalPayBenefits between 125000 and 150000
and JobTitle LIKE "%Director%"
-- 14) show all Employees ordered by their totalpaybenefits in desecding
order
select * from salaries
order by TotalPayBenefits desc
-- 15) show all jobtitles with an avg basepay of atleast 100000 and order
them by the avg base pay in descending order.
select * from salaries
select JobTitle , avg(BasePay) as "AVGBasePay" from salaries
group by JobTitle
having avg(BasePay) >= 100000
order by AVGBasePay desc
```

```sql
-- 16) Delete the column
select * from salaries
alter table salaries
drop column Notes
select * from salaries
-- 17) Update the base pay of all employees with the jobtitle containing
"Manager" by increasing it by 10%
select * from salaries;
update salaries set BasePay = BasePay * 1.1
where JobTitle like "%Manager%";

-- 18) Delete all employee who have no OvertimePay
select count(*) from salaries
where OvertimePay = 0;
delete from salaries
where OvertimePay = 0;
select count(*)from salaries
where OvertimePay = 0;
```