-- 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 number of employees in the table.

SELECT

COUNT(\*)

FROM

salaries;

-- 4 Show the unique job titles in the table.

SELECT DISTINCT

JobTitle

FROM

salaries;

5. /\*Show the job title and overtime pay for all employees with

-- overtime pay greater than 50000.\*/

SELECT

JobTitle, OvertimePay

FROM

salaries

WHERE

OvertimePay > 50000;

-- 6 Show the average base pay for all employees.

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 average of BasePay, OvertimePay, and OtherPay for each employee:

SELECT

EmployeeName,

(BasePay + OvertimePay + OtherPay) / 3 AS avg\_of\_bp\_op\_otherpay

FROM

salaries;

-- 9 Show all employees who have the word "Manager" in their job title.

SELECT

EmployeeName, JobTitle

FROM

salaries

WHERE

JobTitle LIKE '%Manager%';

-- 10 Show all employees with a job title not equal to "Manager".

SELECT

EmployeeName, JobTitle

FROM

salaries

WHERE

JobTitle <> 'Manager';

-- 11 Show all employees with a total pay between 50,000 and 75,000.

SELECT

\*

FROM

salaries

WHERE

TotalPay >= 50000 AND TotalPay <= 75000

; or

select \* from salaries

where TotalPay between 50000 and 75000;

/\* 12 Show all employees with a base pay less than 50,000

or a total pay greater than 100,000.\*/

SELECT

\*

FROM

salaries

WHERE

BasePay < 50000 OR TotalPay > 100000;

-- 13 Show all employees with a total pay benefits value

-- between 125,000 and 150,000 and a job title containing the word "Director".

SELECT

\*

FROM

salaries

WHERE

TotalPayBenefits BETWEEN 125000 AND 150000

AND JobTitle LIKE '%Director%';

-- 14 Show all employees ordered by their total pay benefits in descending order.

SELECT

\*

FROM

salaries

ORDER BY TotalPayBenefits DESC;

-- 15 Show all job titles with an average base pay of

-- at least 100,000 and order them by the average base pay in descending order.

SELECT

JobTitle, AVG(BasePay) AS 'avgbasepay'

FROM

salaries

GROUP BY JobTitle

HAVING AVG(BasePay) >= 100000

order by avgbasepay desc;

-- 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 job title containing "Manager" by increasing it by 10%.

update salaries

set BasePay = BasePay \* 1.1

where JobTitle Like "%Manager%";

select \* from salaries;

-- 18 Delete all employees who have no OvertimePay.

select count(\*) from salaries

where OvertimePay =0;

delete from salaries

where OvertimePay =0;