**Comp1168 LabNo2**

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-- Q1

select

customer\_first\_name,

customer\_last\_name,

LEFT(customer\_first\_name, 1) As FirstInitial,

LEFT(customer\_last\_name, 1) As LastInitial

from om.customers;

-- Q2

select customer\_id,

concat(customer\_first\_name, customer\_last\_name) As CustomerFullName,

concat(LEFT(customer\_first\_name, 1), '.',LEFT(customer\_last\_name, 1)) As CustomerInitial

from om.customers;

-- Q3

select customer\_id,

concat\_ws('',customer\_first\_name, customer\_last\_name) As CustomerFullName,

concat\_ws('.',LEFT(customer\_first\_name, 1),LEFT(customer\_last\_name, 1))As CustomerInitial

from om.customers;

-- Q4

select vendor\_id, vendor\_name, character\_length(vendor\_name) As NameLength

from ap.vendors;

-- Q5

select vendor\_name, vendor\_state, vendor\_phone

from ap.vendors

order by length(vendor\_name);

-- Q6

select emp\_name,

substring\_index(emp\_name, ' ',1) As FirstName,

substring\_index(emp\_name, ' ',-1) As LastName

from ex.string\_sample;

-- Q7

SELECT vendor\_name, vendor\_phone,

REPLACE(vendor\_phone, ' ', '-') AS VendorPhone

FROM ap.vendors;

-- Q8

select emp\_id, emp\_name

From ex.string\_sample

order by cast(emp\_id As unsigned);

-- Q9

select title As AlbumName, unit\_price,

round(unit\_price/2 ,6) As `unit\_price/2`,

round(unit\_price/2 ,2) As DiscountedPrice

From om.items;

-- Q10

SELECT

emp\_name,

SUBSTRING(emp\_name, 1, LOCATE(' ', emp\_name) - 1) AS FirstName,

SUBSTRING(emp\_name, LOCATE(' ', emp\_name) + 1) AS LastName

FROM ex.string\_sample;

-- Q11

SELECT

invoice\_number,

(invoice\_total - payment\_total - credit\_total) AS Balance,

CASE

WHEN (invoice\_total - payment\_total - credit\_total) <= 0 THEN 'Paid in Full'

ELSE 'Balance Due'

END AS InvoiceStatus

FROM ap.invoices;

-- Q12

SELECT

UPPER(vendor\_name) AS VendorName,

IFNULL(vendor\_phone, 'No Phone Provided') AS VendorPhone

FROM ap.vendors;

-- Q13

SELECT DATEDIFF('2025-07-01', CURRENT\_DATE) AS DaysToCanadaDay;

SELECT DATE\_ADD(CURRENT\_DATE, INTERVAL 10 DAY) AS NewDate;

SELECT DATE\_SUB(CURRENT\_DATE, INTERVAL 10 DAY) AS NewDate;

SELECT

CURRENT\_DATE AS DefaultDate,

DATE\_FORMAT(CURRENT\_DATE, '%Y-%m-%d') AS Format1,

DATE\_FORMAT(CURRENT\_DATE, '%d-%m-%Y') AS Format2,

DATE\_FORMAT(CURRENT\_DATE, '%M %d, %Y') AS Format3,

DATE\_FORMAT(CURRENT\_DATE, '%b %d, %Y') AS Format4,

DATE\_FORMAT(CURRENT\_DATE, '%a, %d %b %Y') AS Format5;