***LAB 10***

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-- Q1

CREATE OR REPLACE VIEW ap.vndr\_view

AS

SELECT vendor\_name,vendor\_state,vendor\_phone

FROM ap.vendors

ORDER BY vendor\_name;

-- Q2

SELECT \* FROM ap.vndr\_view;

-- Q3 a

CREATE OR REPLACE VIEW ap.vndr\_view2

AS

SELECT vendor\_name,vendor\_state,vendor\_phone

FROM ap.vendors

WHERE vendor\_state='CA'

ORDER BY vendor\_name;

-- Q3 b

CREATE OR REPLACE VIEW ap.vndr\_view3

AS

SELECT vendor\_name,vendor\_state,vendor\_phone

FROM ap.vendors

WHERE vendor\_phone IS NULL

ORDER BY vendor\_name;

-- Q4

UPDATE ap.vndr\_view

SET vendor\_phone= '416-415-5000'

WHERE vendor\_name= 'ASC Signs';

-- Q5

CREATE OR REPLACE VIEW ap.vndr\_view3

AS

SELECT vendor\_name,vendor\_state,vendor\_phone

FROM ap.vendors

WHERE vendor\_phone IS NULL

WITH CHECK OPTION;

-- Q6

UPDATE ap.vndr\_view3

SET vendor\_phone = '416-415-5000'

WHERE vendor\_name ='Ingram';

-- Q7

CREATE OR REPLACE VIEW ap.Outstanding\_Invoices\_Summary

AS

SELECT vendor\_name, COUNT(\*) AS outstanding\_invoices,

SUM(invoice\_total - payment\_total -credit\_total) AS total\_balance

FROM ap.invoices i JOIN ap.vendors v

ON i.vendor\_id = v.vendor\_id

GROUP BY vendor\_name

HAVING SUM(invoice\_total- payment\_total -credit\_total)>0

ORDER BY vendor\_name;

CREATE OR REPLACE VIEW ap.Outstanding\_Invoices\_Summary

AS

SELECT vendor\_name, COUNT(\*) AS outstanding\_invoices,

SUM(invoice\_total - payment\_total -credit\_total) AS total\_balance

FROM ap.invoices i ,ap.vendors v

WHERE i.vendor\_id = v.vendor\_id

GROUP BY vendor\_name

HAVING SUM(invoice\_total- payment\_total -credit\_total)>0

ORDER BY vendor\_name;