**Comp1168 LabNo10**

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**Question1**

use AP;

CREATE VIEW vndr\_view AS

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

FROM vendors

ORDER BY vendor\_name ASC;

**Question2**

use AP;

SELECT \*

FROM vndr\_view;

**Question3**

**a)**

use AP;

CREATE VIEW vndr\_view2 AS

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

FROM vendors

WHERE vendor\_state = 'CA'

ORDER BY vendor\_name ASC;

**b)**

use AP;

CREATE VIEW vndr\_view3 AS

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

FROM vendors

WHERE vendor\_phone IS NULL

ORDER BY vendor\_name ASC;

**Question4**

use AP;

UPDATE vendors

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

WHERE vendor\_name = 'Asc Sings';

**Question5**

use AP;

CREATE OR REPLACE VIEW vndr\_view3 AS

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

FROM vendors

WHERE vendor\_phone IS NULL

ORDER BY vendor\_name ASC

WITH CHECK OPTION;

**Question6**

use AP;

UPDATE vndr\_view3

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

WHERE vendor\_name = 'Ingram';

**Question7**

CREATE VIEW Outstanding\_Invoices\_Summary AS

SELECT

v.vendor\_name,

COUNT(i.invoice\_id) AS total\_outstanding\_invoices,

SUM(i.Invoice\_total - i.Payment\_total - i.Credit\_total) AS total\_outstanding\_amount

FROM

ap.invoices i

JOIN

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

WHERE

(i.Invoice\_total - i.Payment\_total - i.Credit\_total) > 0

GROUP BY

v.vendor\_name

HAVING

SUM(i.Invoice\_total - i.Payment\_total - i.Credit\_total) > 0

ORDER BY

v.vendor\_name ASC;