

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;