-- Lab 9 –

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-- Question 1 --

SELECT invoice\_id, payment\_total

FROM ap.invoices

WHERE payment\_total >

(SELECT AVG(payment\_total) FROM ap.invoices);

-- Question 2--

SELECT invoice\_id, invoice\_number, invoice\_date, invoice\_total

FROM ap.invoices

WHERE vendor\_id

IN(SELECT vendor\_id

FROM ap.vendors

WHERE vendor\_state = 'CA');

-- Question 3--

SELECT vendor\_id, vendor\_name, vendor\_state

FROM ap.vendors

WHERE vendor\_id NOT IN(

SELECT DISTINCT vendor\_id

FROM ap.invoices);

-- Question 4 --

SELECT v.vendor\_name, i.invoice\_number, i.invoice\_total

FROM ap.vendors V

JOIN ap.invoices i

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

WHERE invoice\_total >

ALL(SELECT invoice\_total

FROM ap.invoices

WHERE vendor\_id = 34);

-- Question 5--

SELECT vendor\_id, vendor\_name, vendor\_state

FROM ap.vendors

WHERE NOT EXISTS(

SELECT \*

FROM ap.invoices

WHERE vendor\_id = vendors.vendor\_id);

-- Question 6 --

SELECT vendor\_name,

(SELECT MAX(invoice\_date)

FROM ap.invoices

WHERE vendor\_id = vendors.vendor\_id) as latest\_invoice\_date

FROM ap.vendors

ORDER BY latest\_invoice\_date DESC;