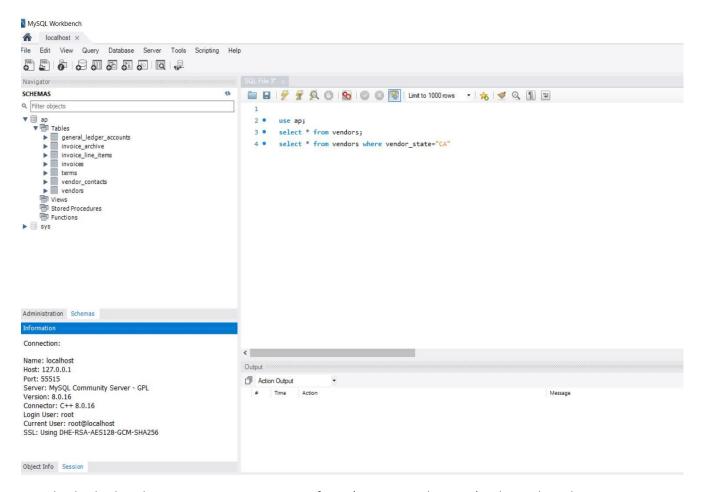
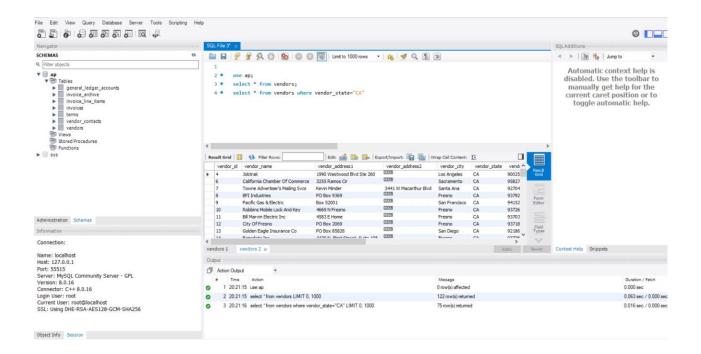
1. Make sure the MySQL server is running

Answer:



2. Check whether the MySQL server is running. If it isn't, start it. When you're done, close the Startup/Shutdown window.

Answer:

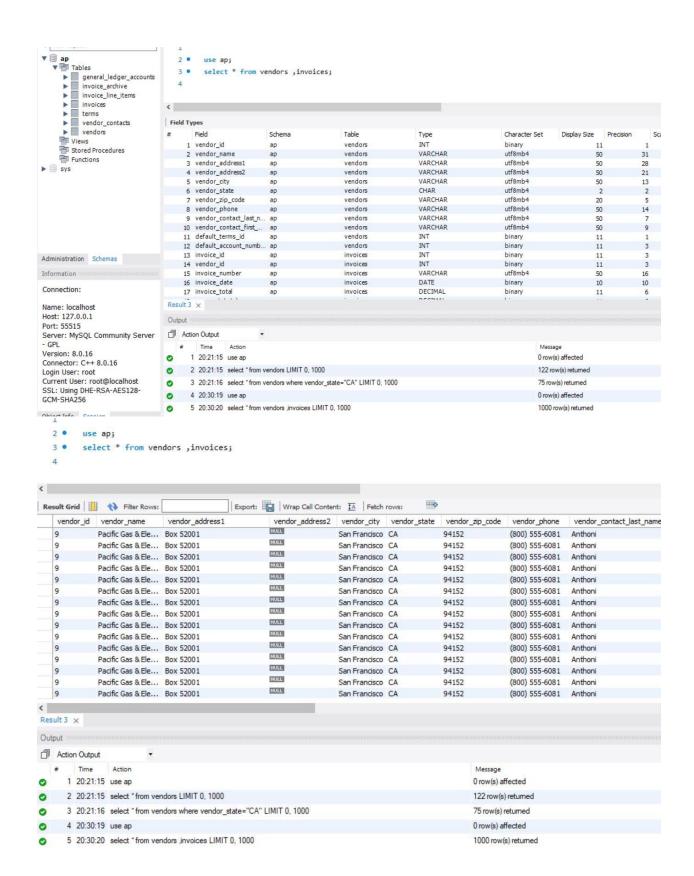


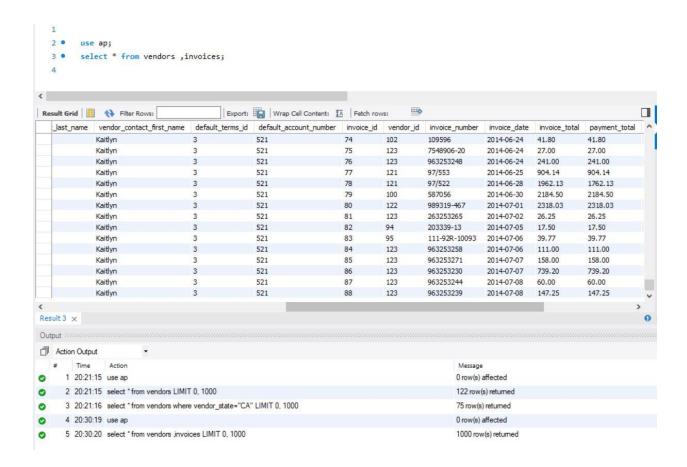
Use MySQL Workbench to review the Accounts Payable (AP) database

3. In the Navigator window, expand the node for the AP database so you can see all of the database objects it contains.

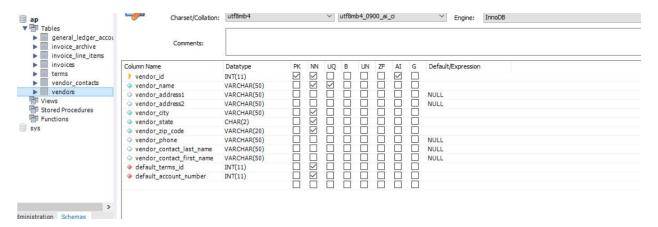


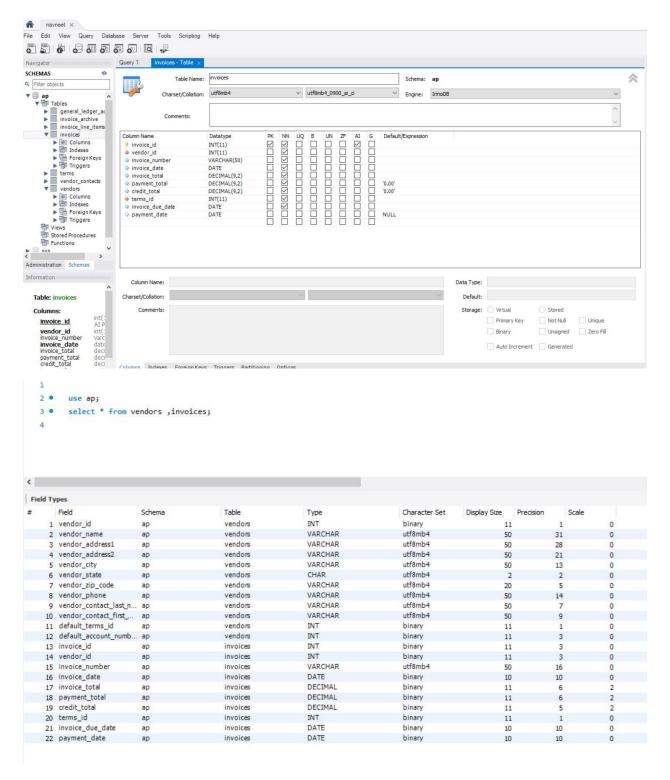
4) View the data for the Vendors and Invoices tables.





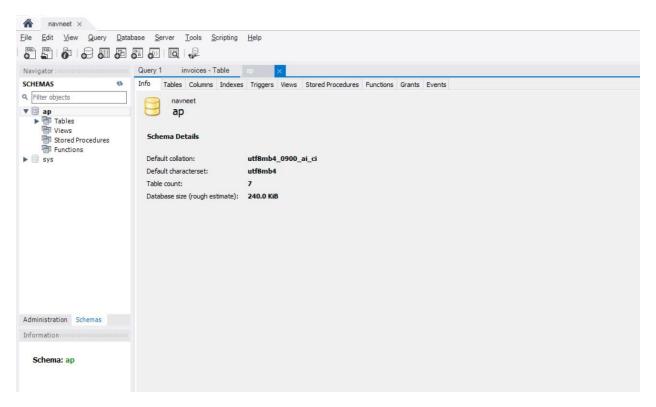
5) Navigate through the database objects and view the column definitions for at least the Vendors and Invoices tables.



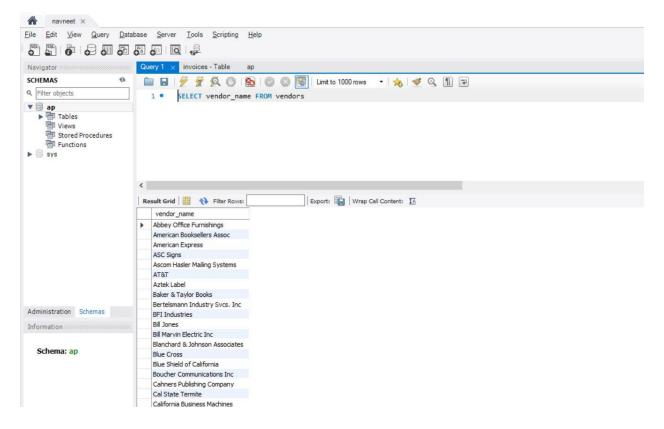


Use MySQL Workbench to enter and run SQL statements

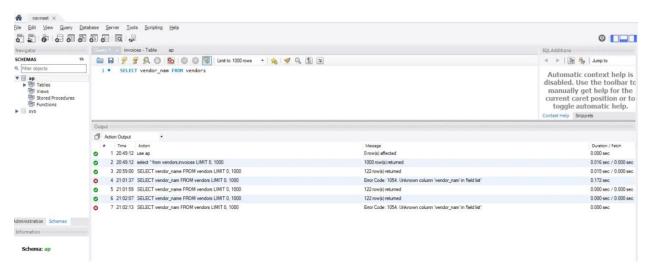
6) Double-click the AP database to select it. When you do that, MySQL Workbench should display the database in bold.



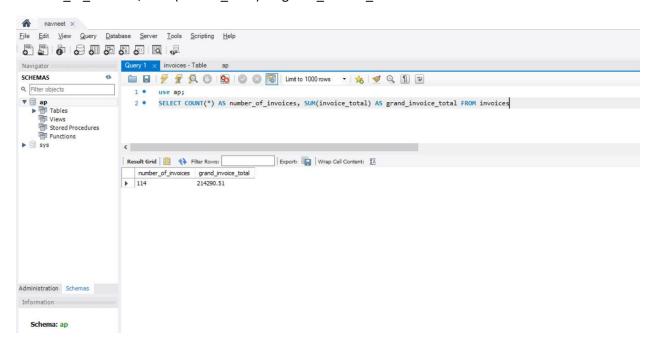
7) Open a SQL Editor tab. Then, enter and run this SQL statement: SELECT vendor_name FROM vendors



8) Delete the e at the end of vendor_name and run the statement again. Note the error number and the description of the error.



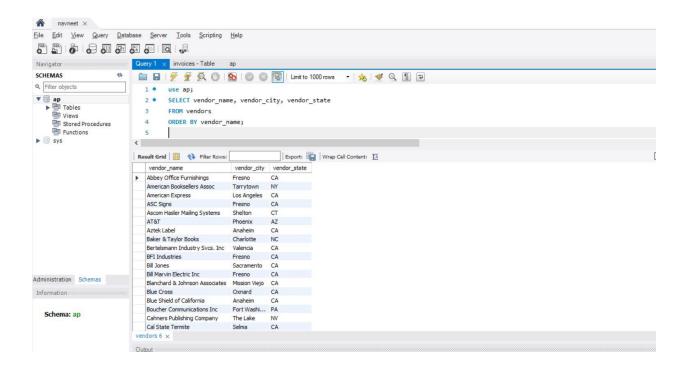
9) Open another SQL Editor tab. Then, enter and run this statement: SELECT COUNT(*) AS number_of_invoices, SUM(invoice_total) AS grand_invoice_total FROM invoices



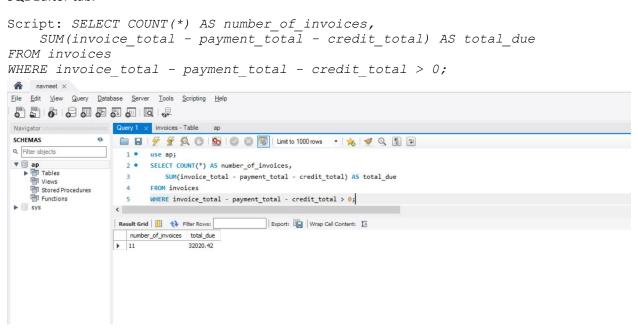
Use MySQL Workbench to open and run scripts

10) Open the select_vendor_city_state script that's in the c:\murach\mysql\scripts\ch02 directory. Note that this script contains just one SQL statement. Then, run the statement.

Script: SELECT vendor_name, vendor_city, vendor_state
FROM vendors
ORDER BY vendor_name;



11) Open the select_vendor_total_due script that's in the ch02 directory. Note that this opens another SQL Editor tab.



- 12) Open the select_vendor_information script that's in the ch02 directory. Notice that this script contains two SQL statements that end with semicolons (scroll down if you need to).
- 13) Press the Ctrl+Shift+Enter keys or click the Execute SQL Script button to run both of the statements in this script. Note that this displays the results in two Result grids. Make sure to view the results of both SELECT statements.

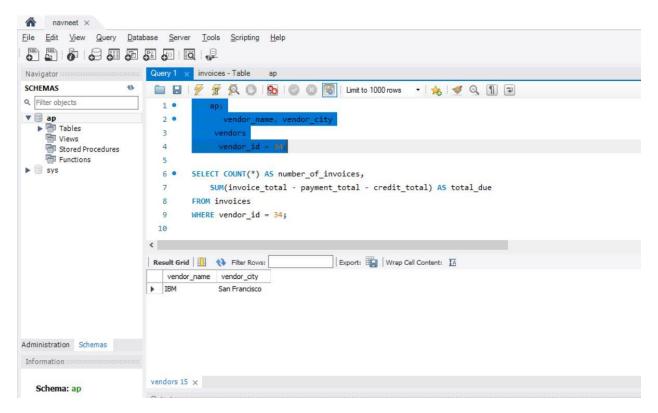
```
Script: SELECT vendor name, vendor city
FROM vendors
WHERE vendor id = 34;
SELECT COUNT(*) AS number_of_invoices,
     SUM(invoice_total - payment_total - credit_total) AS total_due
FROM invoices
WHERE vendor id = 34;
Answer:
Query 1 × invoices - Table ap
 1 • use ap;
  2 • SELECT vendor_name, vendor_city
      FROM vendors
     WHERE vendor_id = 34;
  6 • SELECT COUNT(*) AS number_of_invoices,
        SUM(invoice_total - payment_total - credit_total) AS total_due
      FROM invoices
      WHERE vendor_id = 34;
 10
<
 Export: Wrap Cell Content: 🖽
number_of_invoices total_due

2 0.00
vendors 13 Result 14 ×
navneet ×
File Edit View Query Database Server Tools Scripting Help
Query 1 × invoices - Table
SCHEMAS
                 43
                      Q Filter objects
                       1 .
                           use ap;
▼ 🗐 ap

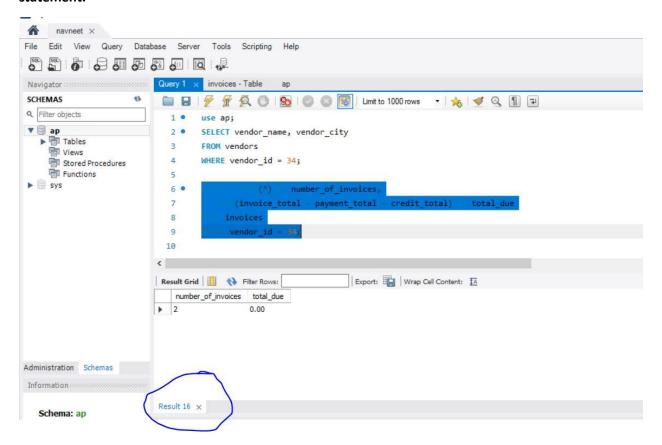
► Tables

Views
                           SELECT vendor_name, vendor_city
                       2 .
                            FROM vendors
    Tored Procedures
                            WHERE vendor_id = 34;
    Functions
                       5
▶ ■ sys
                       6 • SELECT COUNT(*) AS number_of_invoices,
                               SUM(invoice_total - payment_total - credit_total) AS total_due
                       8
                           FROM invoices
                       9
                           WHERE vendor_id = 34;
                       10
                     <
                     Export: Wrap Cell Content: IA
                        number_of_invoices total_due
                     2
                                    0.00
Administration Schemas
Information:
                     vendors 1
                               Result 14 x
  Schema: ap
```

14) Move the insertion point into the first statement and press Ctrl+Enter to run just that statement.



15) Move the insertion point into the second statement and press Ctrl+Enter to run just that statement.



16) Exit from MySQL Workbench.

