EECS447 Mini-project 4

For each question, show your SQL query first. Then, evaluate the query on the cruise tables in MySQL database, make a screenshot, and paste it here.

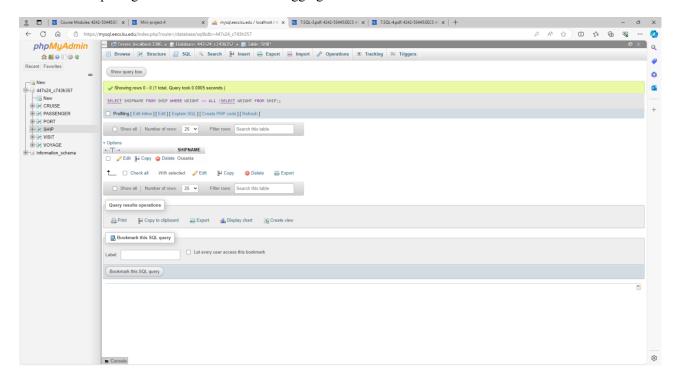
The screenshot must contain the entire HTML page, which has your database name on the left panel.

1. Please use subquery in the follow scenarios:

1.1. List the names of passengers who have been on a cruise that visited New York. Course Modules 4242-53445EE: X 🔳 Mini-project 4 X 🔌 mysqleecskuedu/locahost/4 X 🔳 7.5QL-3.pdf. 4242-53445EECS 4: X 🔳 7.5QL ← C 🙃 https://mysql.eecs.ku.edu/index.php?route=/database/sql&db=447s24_c743h357 phpMyAdmin

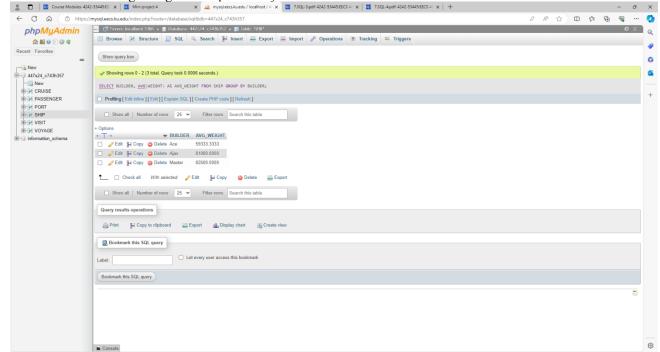
Server localhost 3306 >
Database 447:24 c/43/057 >
Table PASSENSER Recent Favorites G New
447s24_c743h357
New
FCRUISE
PASSENGER Showing rows 0 - 2 (3 total, Query took 0.0009 seconds.) 0 SELECT PASSENGERMANE FROM PASSENGER WHERE PASSENGERNUM IN (SELECT PASSENGERNUM FROM VOYAGE WHERE CRUISENUM IN (SELECT CRUISENUM FROM VISIT WHERE PORTHAME = 'New York')); ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh] PORT
SHIP
VISIT
VOYAGE ☐ Show all | Number of rows: 25 ▼ Filter rows: Search this table Sort by key: None - Options Show all Number of rows: 25 v Filter rows: Search this table Sort by key: None Query results operations ☐ Print ☐ Copy to clipboard ☐ Export ☐ Display chart ☐ Create view Bookmark this SQL query Let every user access this bookmark Bookmark this SQL query

1.2. Which ship weighs the least? Do NOT use aggregate functions.



2. Please use aggregate functions for the following queries

2.1 What is the average weight of ships built by each builder?



2.2 Find the name of the passenger who paid the highest fare for a cruise trip.

