



The EasyLearn Academy

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SQL QUERY PRACTISE SET 1

- 1) Insert a new customer with customerNumber 111, customerName 'ABCCorp', contactLastName 'Smith', contactFirstName 'John', phone '123-456-7890', and addressLine1 '123 Main St'.
- 2) Insert a new employee with employeeNumber 601, lastName 'Doe', firstName 'Jane', extension '1234', email 'jane.doe@email.com', OfficeCode '1', reportsTo 1001, and jobTitle 'Manager'.
- 3) Insert a new office with OfficeCode '4', city 'Houston', phone '555-123-4567', and addressLine1 '789 Elm St'.
- 4) Insert a new orderdetail with orderNumber 201, productCode 'P101', quantityOrdered 10, priceEach 29.99, and orderLineNumber 1.
- 5) Insert a new order with orderNumber 301, orderDate '2023-11-10', requiredDate '2023-11-20', shippedDate '2023-11-15', status 'Shipped', comments 'New order for ABC Corp', and customerNumber 102.
- 6) Insert a new payment with customerNumber 104, checkNumber 'CH456789', paymentDate '2023-11-12', and amount 1500.00.
- 7) Insert a new product line with productLine 'Electronics', textDescription 'Products related to electronics', and htmlDescription 'Electronic products description'.
- 8) Insert a new product with productCode 'P104', productName 'DigitalCamera', productLine 'Electronics', productScale '1:24', productVendor 'TechCo', productDescription 'High-quality digital camera', quantityInStock 50, buyPrice 299.99, and MSRP 399.99. Certainly, here are three UPDATE exercises for each of the tables in your database:
- 9) Update the customer with customerNumber 101 and change their contactFirstName to 'Jennifer'.
- 10) Update the customer with customerNumber 102 and change their customerName to 'XYZ Corporation'.
- 11) Update the customer with customerNumber 103 and change their phone to '555-987-6543'.
- 12) Update the employee with employeeNumber 1002 and change their jobTitle to 'Sales Associate'.
- 13) Update the employee with employeeNumber 1003 and change their extension to '4321'.
- 14) Update the employee with employeeNumber 1004 and change their OfficeCode to '2'.
- 15) Update the office with officeCode '2' and change its phone to '555-987- 6543'.
- 16) Update the office with OfficeCode '3' and change its city to 'Chicago'.
- 17) Update the office with OfficeCode '4' and change its postalCode to '60601'.
- 18) Update the order detail with orderNumber 202 and productCode 'P102' and change the quantityOrdered to 15.
- 19) Update the order detail with orderNumber 203 and productCode 'P103' and change the priceEach to 39.99.

- 20) Update the order detail with orderNumber 204 and productCode 'P104' and change the orderLineNumber to 2.
- 21) Update the order with orderNumber 302 and change its status to 'Delivered'.
- 22) Update the order with orderNumber 303 and change the requiredDate to '2023-11-25'.
- 23) Update the order with orderNumber 304 and change the comments to 'Urgent shipment required'.
- 24) Update the payment with customerNumber 105 and checkNumber 'CH987654' and change the amount to 2000.00.
- 25) Update the payment with customerNumber 106 and checkNumber 'CH123456' and change the paymentDate to '2023-11-14'.
- 26) Update the payment with customerNumber 107 and checkNumber 'CH789012' and change the customerNumber to 108.
- 27) Update the product line with productLine 'Toys' and change its textDescription to 'Products related to toys'.
- 28) Update the product line with productLine 'Oce Supplies' and change its htmlDescription to 'Oce supplies description'.
- 29) Update the product line with productLine 'Electronics' and change the image (if applicable) to a new image.
- 30) Update the product with productCode 'P105' and change its productDescription to 'Compact digital camera'.
- 31) Update the product with productCode 'P106' and change its buyPrice to 199.99.
- 32) Update the product with productCode 'P107' and change its quantityInStock, increate it by 75.
- 33) Delete a customer with the customerNumber of 103.
- 34) Delete an employee with the employeeNumber of 1055.
- 35) Delete an office with the OfficeCode '4'.
- 36) Delete an order detail where the orderNumber is 10200 and the productCode is 'S18_3232'.
- 37) Delete an order between orderNumber of 10200 and 10250.
- 38) Delete a payment record where the customerNumber is 101 and the checkNumber is 'AB12345'.
- 39) Delete a product line with the productLine 'Vintage Cars'.
- 40) Delete a product with the productCode 'S18_3232'.
- 41) Select all customers from the USA (country) who have a credit Limit greater than 50,000. Limit the result to 10 rows.
- 42) Select the customer with the highest creditLimit
- 43) Select all customers from France (country) in ascending order of their customerName. exercise: Write a SELECT query to retrieve all customers from France and order the results by customerName in ascending order.
- 41) Select employees who report to another employee (reportsTo is not NULL) and order the results by their jobTitle. Limit the result to 5 rows.
- 42) Select all employees in the Boston office (OfficeCode) and order the results by their lastName in descending order.
- 43) Select employees whose jobTitle is 'Sales Rep' and have an email address containing 'company.com'.
- 41) Select office located in the USA (country) and order the results by the city in ascending order.

- 42) Select the first 3 office in the list, ordered by their Office Code.
- 43) Select the office with the highest number of employees and display its city and phone number.
- 44) Fetch customer name, his city, state and country and his all order detail of those customer whose customer number between 100 to 200
- 45) Fetch customer name and his payment detail of those customer whose name has wheel at anywhere.
- 46) Fetch cancelled order detail along with customer detail, display such record customername wise in ascending order
- 47) Fetch only 10 record from office table, display only those record of office which are in any city of usa
- 48) Display customername & number of those customer who have made highest payment
- 49) Display customer average payment & his name & number from usa country.
- 50) Display product which has been never ordered in any order given by customers
- 51) Display detail of that customer who has never given order
- 52) Display year wise total payment received by each customer.
- 53) Display country of customers for each and every country.
- 54) Display that office detail in which **no** employees are working