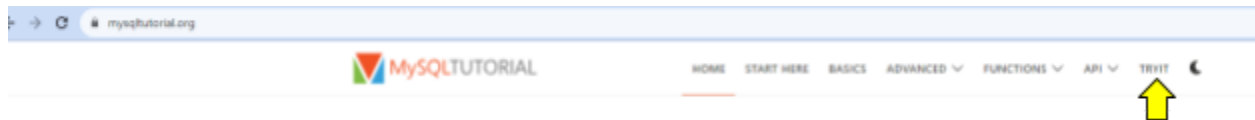**Databases:**

**** The following queries are based on the "SandBox" from mysqltutorial.org

1. Retrieve the list of all employees' first names.
2. Get only the "productName" column from the "products" table
3. Retrieve the "city" column from the "offices" table
4. Get only the "orderDate" column from the "orders" table
5. Select the "productLine" column from the "productlines" table
6. Retrieve the "customerName" and "contactFirstName" columns from the "customers" table
7. Get the "productName" and "buyPrice" columns from the "products" table
8. Select the "firstName" and "lastName" columns from the "employees" table
9. Retrieve the "city" and "country" columns from the "offices" table
10. Get the "orderNumber" and "orderDate" columns from the "orders" table
11. Retrieve the "customerName," "contactFirstName," and "contactLastName" columns from the "customers" table
12. Get the "productCode," "productName," and "buyPrice" columns from the "products" table
13. Select the "employeeNumber," "firstName," and "lastName" columns from the "employees" table
14. Retrieve the "officeCode," "city," and "country" columns from the "offices" table
15. Get the "orderNumber," "orderDate," and "status" columns from the "orders" table
16. Retrieve the list of all employees' first & last name.
17. Retrieve all columns from the "customers" table
18. Get all columns from the "products" table
19. Select all columns from the "employees" table
20. Retrieve all columns from the "offices" table
21. Get all columns from the "orders" table
22. Retrieve the list of all employees' last name , email & job title.
23. Retrieve all columns from the "customers" table and order the results by customer name in ascending order
24. Get all columns from the "products" table and order the results by buy price in descending order
25. Get a list of distinct offices by city
26. List the distinct job titles of employees
27. Retrieve distinct countries where customers are located

28. Get a list of distinct order statuses
29. Retrieve all columns for all employees.
30. List all columns for employees, and sort the results by their last names in alphabetical order
31. Retrieve all columns for all customers
32. Retrieve the list of all customers' names.
33. Retrieve a list of all customers in alphabetical order by customer name.
34. Retrieve the list of all customers' names and their country.
35. Retrieve the list of all customers and their contact details (name, phone, email).
36. Retrieve the names and credit limits of customers with a credit limit greater than $50,000.
37. Get the product names and quantities ordered for products with a quantity ordered greater than 30.
38. Retrieve a list of customer details for customers who are located in France.
39. Retrieve office codes and city names from the "offices" table where the city name starts with the letter "L"
40. Retrieve customer names and contact names from the "customers" table where the contact last name starts with "D" and is followed by any characters
41. Get product names and product codes from the "products" table where the product code starts with "S10_" and is followed by any characters
42. Retrieve office codes and postal codes from the "offices" table where the postal code contains the pattern "9XXX" ((X can be replaced with any digit))
43. Get order numbers and order dates from the "orders" table where the order date is in the year 2004
44. Select employee names and email addresses from the "employees" table where the employees' first name doesnt start with "N" letter.
45. Retrieve office codes and cities from the "offices" table where the city name ends with "o"
46. Retrieve details about the last 5 products that were ordered from "orders".
47. List the products that have a price greater than $50
48. Get all columns for products, and sort the results by product code in descending order
49. Retrieve all columns for orders and order the results by order date in ascending order
50. List the products in descending order of their buy price.
51. Retrieve the order numbers and order dates for all orders, sorted by order date in ascending order.
52. List the offices in descending order of their city.
53. Get the office codes and postal codes for offices located in state of CA (California).
54. Retrieve the order numbers and order dates for orders placed before January 1, 2005

55. Retrieve the names and phone numbers of customers from the USA.
56. Get order numbers and order dates from the "orders" table where the order date is in the year 2005 and the status is "Shipped"
57. Retrieve the product line IDs and text descriptions for product lines that have a text description containing "Unique."
58. Retrieve the names and phone numbers of customers from the USA or France
59. Get the product names and buy prices for products with a buy price between $50 and $100
60. Retrieve the order numbers and order dates for orders placed before January 1, 2005, or after December 31, 2007
61. Get the office codes and postal codes for offices located in California (CA) or New York (NY)
62. Retrieve the product names and buy prices for products with a buy price between $20 and $50, and the product name contains "Car."
63. List the customer names, phone numbers, and credit limits for customers from France, USA, or Germany with a credit limit greater than $50,000.
64. Retrieve the customer names and credit limits for customers whose credit limit is either less than $10,000 or greater than $100,000.
65. Get the product names and buy prices for products with a buy price less than $30 or a product name containing "Motorcycle.
66. Retrieve distinct product codes
67. Retrieve customers with a NULL value in the credit limit column
68. Get product codes and product names for products with a NULL value in the product scale column
69. List order numbers and comments for orders with NULL comments
70. Retrieve the first 5 customers (customer name , contact last & first name) from the "customers" table
71. Retrieve a list of customers and provide an alias for the customer name column:
72. List product names and their corresponding buy prices with aliases
73. Retrieve order details, including order numbers and product codes, and provide aliases for these columns
74. Get the names of product lines and provide an alias for the product line column
75. Get a list of employees with their full names and provide aliases for the first and last name columns
76. Retrieve a list of customers and order them by customer name in ascending order, limiting the results to the first 10 customers
77. Get a list of products ordered by their buy price in descending order, limiting the results to the first 5 products

78. List the order numbers and order dates for all orders, sorted by order date in ascending order, and limit the results to the first 20 orders
79. Get the office codes and cities for offices in alphabetical order of city names, and limit the results to the first 3 offices
80. Get the product codes and product names for products ordered by product name in ascending order, and limit the results to the first 12 products
81. Get order numbers and order dates for orders in descending order of order date, and limit the results to the first 7 orders
82. find employees whose first names start with the letter T , end with the letter m, and contain any single character between
83. search for employees whose last names don't start with the letter B
84. find products whose product codes contain the string "_20"
85. Retrieve customer names and contact names from the "customers" table where the contact last name is not NULL
86. Get product names and product codes from the "products" table where the product code is not NULL
87. Select employee names from the "employees" table as "employee name " where the extension is not NULL
88. Retrieve office codes and postal codes from the "offices" table where the postal code is not NULL
89. Retrieve the total quantity ordered across all orders
90. Get the total payment amount across all payments
91. Select the total sales across all employees
92. Get the average credit limit across all customers
93. Select the average budget across all offices
94. Display Total Quantity Ordered and Average Quantity Ordered for All Orders
95. Display Total Payment Amount and Average Payment Amount for All Customers
96. Display Total Sales and Average Sales for All Employees
97. Display the Total Buy Price and Average Buy Price for All Products
98. Display the Total Credit Limit and Average Credit Limit for All Customers
99. Display the Total Budget and Average Budget for All Offices
100. Retrieve office codes and cities for the offices 1,2,4