

SQL IN-CLASS WORKSHOP DOCUMENT – LEAD VERSION

SEPTEMBER 10 FRIDAY, 2021



Reference : Northwind db

- 1. WRITE A QUERY THAT RETURNS CATEGORYNAME AND DESCRIPTION FROM THE CATEGORY TABLE SORTED BY CATEGORYNAME.**
- 2. CREATE A REPORT SHOWING EMPLOYEES' FIRST AND LAST NAMES AND HIRE DATES SORTED FROM NEWEST TO OLDEST EMPLOYEES.**
- 3. SELECT COMPANYNAME, FAX, PHONE, HOMEPAGE AND COUNTRY FROM THE SUPPLIER TABLE SORTED BY COUNTRY IN DESCENDING ORDER AND THEN BY COMPANYNAME IN ASCENDING ORDER.**
- 4. CREATE A REPORT SHOWING ALL THE COMPANY NAMES AND CONTACT NAMES OF NORTHWIND'S CUSTOMERS CITY NAME IN CITY OF BUENOS AIRES.**
- 5. CREATE A REPORT SHOWING THE PRODUCT NAME, UNIT PRICE AND QUANTITY PER UNIT OF ALL PRODUCTS THAT ARE OUT OF STOCK.**
- 6. CREATE A REPORT SHOWING THE ORDER DATE, SHIPPED DATE, CUSTOMER ID, AND FREIGHT OF ALL ORDERS PLACED ON JULY 19, 2012.**
- 7. CREATE A REPORT SHOWING THE FIRST NAME, LAST NAME, AND COUNTRY OF ALL EMPLOYEES NOT IN THE UNITED STATES.**
- 8. CREATE A REPORT THAT SHOWS THE EMPLOYEE ID, ORDER ID, CUSTOMER ID, SHIPPED DATE, AND REQUIRED DATE OF ALL ORDERS THAT WERE SHIPPED LATER THAN THEY WERE REQUIRED.**

9. **CREATE A REPORT THAT SHOWS THE COMPANY NAME, CONTACT NAME AND FAX NUMBER OF ALL CUSTOMERS THAT HAVE A FAX NUMBER. SORT BY COMPANY NAME.**
10. **CREATE A REPORT THAT SHOWS THE CITY, COMPANY NAME, AND CONTACT NAME OF ALL CUSTOMERS WHO ARE IN CITIES THAT BEGIN WITH "A" OR "B." SORT BY CONTACT NAME IN DESCENDING ORDER**
11. **CREATE A REPORT THAT SHOWS THE FIRST AND LAST NAMES AND BIRTH DATE OF ALL EMPLOYEES BORN IN THE 1980S.**
12. **CREATE A REPORT THAT SHOWS THE PRODUCT NAME AND SUPPLIER ID FOR ALL PRODUCTS SUPPLIED BY EXOTIC LIQUIDS, GRANDMA KELLY'S HOMESTEAD, AND TOKYO TRADERS. HINT: FIRSTLY, YOU WILL NEED TO QUERY SUPPLIERS TABLE TO FIND THE SUPPLIER IDS OF THESE THREE COMPANIES.**
13. **CREATE A REPORT THAT SHOWS THE CONTACT NAME AND TITLE AND THE COMPANY NAME FOR ALL CUSTOMERS WHOSE CONTACT TITLE DOES NOT CONTAIN THE WORD "SALES".**
14. **CREATE A REPORT THAT SHOWS THE COMPANY NAME, CONTACT TITLE, CITY AND COUNTRY OF ALL CUSTOMERS IN MEXICO OR IN ANY CITY IN SPAIN EXCEPT MADRID.**
15. **CREATE A REPORT THAT SHOWS THE CONTACT TITLE IN ALL LOWERCASE LETTERS OF EACH CUSTOMER CONTACT.**
16. **CREATE A REPORT THAT SHOWS ALL PRODUCTS BY NAME THAT ARE IN THE SEAFOOD CATEGORY.**
17. **CREATE A REPORT THAT SHOWS THE TOTAL QUANTITY OF PRODUCTS (FROM THE ORDER_DETAILS TABLE) ORDERED. ONLY SHOW RECORDS FOR PRODUCTS FOR WHICH THE QUANTITY ORDERED IS FEWER THAN 200.**

GOOD LUCK.