

SQL Programming Exercise 02

Character and Date Functions

T-SQL Fundamentals

Your deliverable should be a plain text file (`.txt`) that contains a header showing your name, the name of the assignment, and the date. The body of the text file should echo the SQL statement you use to complete each step of the exercise and the results of the query.

1. Mailing Labels

From the Northwind database we used in class and SQLite, create mailing labels for customer representatives. Each label should consist of six, and exactly six, lines. The mailing labels should be suitable for printing on sticky label paper, specifically Avery 8160 labels. The format should be as follows:

```
TITLE FIRSTNAME LASTNAME
COMPANYNAME
STREET ADDRESS
CITY STATE ZIP COUNTRY
[blank line]
[blank line]
```

2. Telephone Book

From the Northwind database we used in class and SQLite, create a telephone book for customer representatives. Each line in the telephone book should consist of the representative last name, representative first name, company name, and telephone number. Each row should look like this.

```
Lastname, Firstname Middlename [tab] Company name [tab] phone number
```

3. Shipping Lag Report

From the Northwind database, create a report from Orders showing the shipping lag between order date and shipped date. The report should contain four columns: the order number, the order date, the shipped date, and the difference in days between the order date and the shipped date.

4. Your Age

How old are you, in years, months, weeks, and days, today? If you know the time of your birth, add hours, minutes, and seconds. Use SQLite to calculate this. Notes: (a) If you don't know the time of your birth, you can assume that it is 00:00:00. (b) You may assume that each year contains 12 months and 365 days exactly, so you don't have to take leap years (and other oddities) into account.