

## Chapter 8

# How to work with data types

## Exercises

---

1. **(10 Points)** Write a SELECT statement that returns these columns from the Products table:

The ListPrice column

A column that uses the CAST function to return the ListPrice column with 1 digit to the right of the decimal point

A column that uses the CONVERT function to return the ListPrice column as an integer

A column that uses the CAST function to return the ListPrice column as an integer

2. **(10 Points)** Write a SELECT statement that returns these columns from the Products table:

The DateAdded column

A column that uses the CAST function to return the DateAdded column with its date only (year, month, and day)

A column that uses the CAST function to return the DateAdded column with its full time only (hour, minutes, seconds, and milliseconds)

A column that uses the CAST function to return the DateAdded column with just the month and day

3. **(10 Points)** Write a SELECT statement that returns these columns from the Orders table:

A column that uses the CONVERT function to return the OrderDate column in this format: MM/DD/YYYY. In other words, use 2-digit months and days and a 4-digit year, and separate each date component with slashes.

A column that uses the CONVERT function to return the OrderDate column with the date, and the hours and minutes on a 12-hour clock with an am/pm indicator.

A column that uses the CONVERT function to return the OrderDate column with 2-digit hours, minutes, and seconds on a 24-hour clock. Use leading zeros for all date/time components.