Exercise 1

Create a query that displays all rows and the following columns from the AdventureWorks2019.HumanResources.Employee table:

- BusinessEntityID
- JobTitle
- VacationHours

Also include a derived column called "MaxVacationHours" that returns the maximum amount of vacation hours for any one employee, in any given row.

Exercise 2

Add a new derived field to your query from Exercise 1, which returns the percent an individual employees' vacation hours are, *of the maximum vacation hours for any employee*. For example, the record for the employee with the most vacation hours should have a value of 1.00, or 100%, in this column.

Hints:

- You can repurpose your logic from the "MaxVacationHours" for the denominator.
- Make sure you multiply at least one side of your equation by 1.0, to ensure the output will be a decimal.

Exercise 3

Refine your output with a criterion in the WHERE clause that filters out any employees whose vacation hours are less then 80% of the maximum amount of vacation hours for any one employee. In other words, return only employees who have at least 80% as much vacation time as the employee with the most vacation time.

Hint: The query should return 60 rows.