--Task 10: String Functions

--Task 10 **ROUGH WORK[DOUBLE CHECK FOR ERRORS]** - **work [ REMOVE UOP.DBO. AND THE $ SIGN AND THEN EXECUTE THE QUERIES.]**

for example the query

**SELECT \* FROM uop.dbo.FactSales$;**

Should be typed as

**SELECT \* FROM FactSales;**

--Try the following queries and have a look at the results. What are the differences between them? Do they do what you expect?

SELECT UPPER (EmployeeFirstName) FROM uop.dbo.DimEmployee$;

SELECT LOWER (EmployeeFirstName) FROM uop.dbo.DimEmployee$;

SELECT Len (EmployeeFirstName) FROM uop.dbo.DimEmployee$;

SELECT TRIM (EmployeeFirstName) FROM uop.dbo.DimEmployee$;

SELECT CONCAT(EmployeeFirstName, ' ', EmployeeLastName) As FullName FROM uop.dbo.DimEmployee$;

SELECT CONCAT(EmployeeFirstName, ' ', EmployeeLastName) As [Full Name] FROM uop.dbo.DimEmployee$;

SELECT REVERSE(CONCAT(EmployeeFirstName, ' ', EmployeeLastName)) as [Full Name] FROM uop.dbo.DimEmployee$;

-- do by yourself Task 10

--Concatenate the product name and product type in 1 column and name it CompleteProduct.

select ProductName, ProductType, CONCAT(ProductName, ' ', ProductType) as [CompleteProduct]

from uop.dbo.DimProduct$

order by [CompleteProduct]

-- Concatenate the product name, product type and category range in 1 column and name it full product description.

SELECT

CONCAT(DP.ProductName, ' - ', DP.ProductType, ' - ', DC.CategoryRange) AS FullProductDescription

FROM uop.dbo.DimProduct$ DP

INNER JOIN uop.dbo.DimCategory$ DC ON DP.CategoryID = DC.CategoryID;