--Task 9: Date and Language formats

--Task 9 **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?

--Dates

DECLARE @yourDateString NVARCHAR(10) = '12-09-2018';

SELECT @yourDateString + ' = the input.';

SET DATEFORMAT dmy;

SELECT CONVERT(DATE, @yourDateString) AS [DMY-Interpretation-of-input-format];

SET DATEFORMAT mdy;

SELECT CONVERT(DATE, @yourDateString) AS [MDY-Interpretation-of-input-format];

--Languages

SET LANGUAGE Greek;

SELECT DATENAME(month, GETDATE()) AS 'Month Name';

SET LANGUAGE us\_english;

SELECT DATENAME(month, GETDATE()) AS 'Month Name' ;

GO

-- Task 9

--List the date of birth of all the employees in dmy and mdy formats.

SET DATEFORMAT dmy;

SELECT CONVERT(DATE, getdate()) AS [MDY-Interpretation-of-input-format]

from uop.dbo.DimEmployee$

--1. List the date of birth of all the employees in dmy and mdy formats.

SELECT

EmployeeFirstName,

EmployeeLastName,

CONVERT(VARCHAR, EmployeeDOB, 103) AS DOB\_DMY, -- DD/MM/YYYY format

CONVERT(VARCHAR, EmployeeDOB, 101) AS DOB\_MDY -- MM/DD/YYYY format

FROM uop.dbo.DimEmployee$;

--2. List the month of birth of the top 3 employees, order ascending on their last name.

SELECT TOP 3

EmployeeFirstName,

EmployeeLastName,

DATENAME(MONTH, EmployeeDOB) AS MonthOfBirth

FROM uop.dbo.DimEmployee$

ORDER BY EmployeeLastName ASC;

--3. List the month of birth of the top 3 employees in any language that you like, ordering ascending on their last name.

SELECT TOP 3

EmployeeFirstName,

EmployeeLastName,

FORMAT(EmployeeDOB, 'MMMM', 'es-ES') AS MesDeNacimiento

FROM uop.dbo.DimEmployee$

ORDER BY EmployeeLastName ASC;