--TASK 19

/\*Task 19: Logical Functions

IIF

Returns one of two values, depending on whether the Boolean expression evaluates to true or false.

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

\*/

DECLARE @a INT = 45, @b INT = 50;

SELECT [Result] = IIF( @a > @b, 'TRUE', 'FALSE' );

DECLARE @P INT = 1, @S INT = 0;

SELECT [Result] = IIF( 45 > 30, @P, @S );

SELECT IIF (40 > (Select Top (1) Quantity from uop.dbo.FactWaste$ Order By Quantity asc), 'High', 'Low' )

/\*CHOOSE

Returns the item at the specified index from a list of values.

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

\*/

SELECT CHOOSE ( 3, 'Food', 'Sleep', 'Shopping', 'Gym' ) AS Result;

SELECT EmployeeType, EmployeeStartDate, CHOOSE(MONTH(EmployeeStartDate),'Winter','Winter', 'Spring','Spring','Spring','Summer','Summer',

'Summer','Autumn','Autumn','Autumn','Winter') AS Quarter\_Hired

FROM uop.dbo.DimEmployee$

WHERE YEAR(EmployeeStartDate) > 2015

ORDER BY YEAR(EmployeeStartDate);