CURSORS & FUNCTIONS

QUESTION 1

Create a table called **“products\_copy”** with the exact same structure as **“products”** table in W3 database

QUESTION 2

Using a cursor on **“products”** table, create a backup of on those products which the price is an odd number, and insert them into the table of **“products\_copy”.**

QUESTION 3

Write a function named **LegalAge** with a birth date as an input and returns a Boolean status if the person is in the legal age (+18) or not.

Sample usage:

SELECT EmployeeID, LastName, FirstName, dbo.**LegalAge**(Birthdate) as Legal FROM employees;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

EmployeeID | LastName | FirstName | Legal

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1 | Davolio | Nancy | True

2 | Fuller | Andrew | True

... | ... | ... | False

QUESTION 4

Write a function to give *SupplierID* as an input and return the name of the supplier as an output on W3 database using CURSOR.

Sample usage:

SELECT ProductID, ProductName, dbo.**SupplierName**(SupplierID) AS SupplierName FROM products;

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ProductID | ProductName | SupplierName

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1 | Chais | Exotic Liquid

2 | Chang | Exotic Liquid

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10 | Ikura | Tokyo Traders