Exercise 13 – Use MATH Functions

Objective

By the end of this exercise, you will be able to verify the total cost of an order using a Buffer and the appearance of an object in response to an action in the SUT.

Why is this important?

In order to verify the values, the previously saved Buffer must be used along with calculations using an on-screen message. These steps allow the TestCase to meet all the verification requirements.

Instructions

1.	Duplicate the TestCaseFolder “Exercise 12 - Buffering “; rename it “Exercise 13 - MATH Functions”.	☐
2.	Navigate to **Process**>>**Verification of Prices** >>**Verification of Prices**; expand the TestStep “Verification of Prices”.	☐
3.	Verify the order “Sub-Total” using: • the Buffer “PriceBlueJeans”; • the MATH function to multiply the Buffer by the quantity of blue jeans ordered (in this case, 25).	☐
4.	Verify the order “Total” using the MATH function. This requires adding the Buffer “SubTotal” to the shipping costs (in this case, 10.00).	☐
5.	Navigate to **Process**>>**Verification of Success**>>**Verify the Order Success**; within the TestStep "Verify the Order Success", verify that “Message Order successful” is visible.	☐
6.	Run the TestCase in the **ScratchBook**.	☐
7.	Set the TestCase WorkState to **COMPLETED.**	☐
8.	Save your work.	☐

Hints

- The shipping costs are in column 2; the shipping costs cell is in the drop-down list “Shipping:*”.
- Depending on the SUT, you may need to set the DataType to numeric.
- If the verification fails, make sure to check and adjust your Tosca number formats in **Settings**>>**TBox**>>**Number formats**.
- The Buffer name must match the exact name used when the Buffer was created.
- Before running the TestCase, make sure that all the TestStepFolders and TestSteps are in the correct order, fitting to the flow of the SUT.