

PRACTICAL NO. 2

A. Aim: Automate UiPath Number Calculation (Subtraction, Multiplication, Division of numbers).

Steps: -

Step 1: Drag and Drop a Flowchart Activity in the workflow from the Activity Panel.

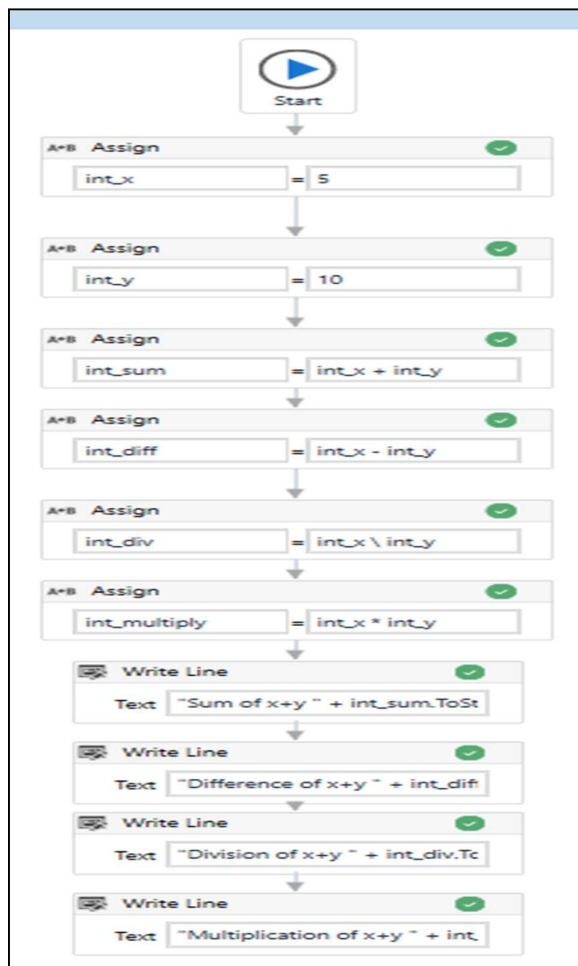
Step 2: First drag and drop two Assign Activity in the flowchart to store two numbers.

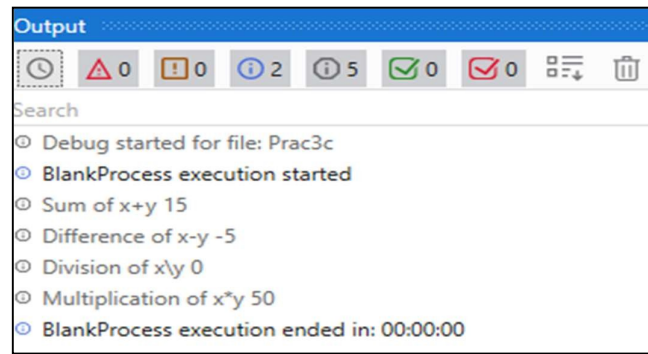
Step 3: Again, take four Assign Activity for mathematical calculation: addition, subtraction, division and multiplication. Create a variable for each Assign Activity and save it.

Step 4: Now take a WriteLine Activity from the Activity Panel. In the Text field type "Sum of x + y is" + Enter the name of the variable created (here we have taken int_sum). Similarly perform all operations by writeline activity.

Step 5: Run

Output:





Conclusion:

The practical to automate UiPath number calculation for Subtraction, Multiplication, Division was successfully executed.

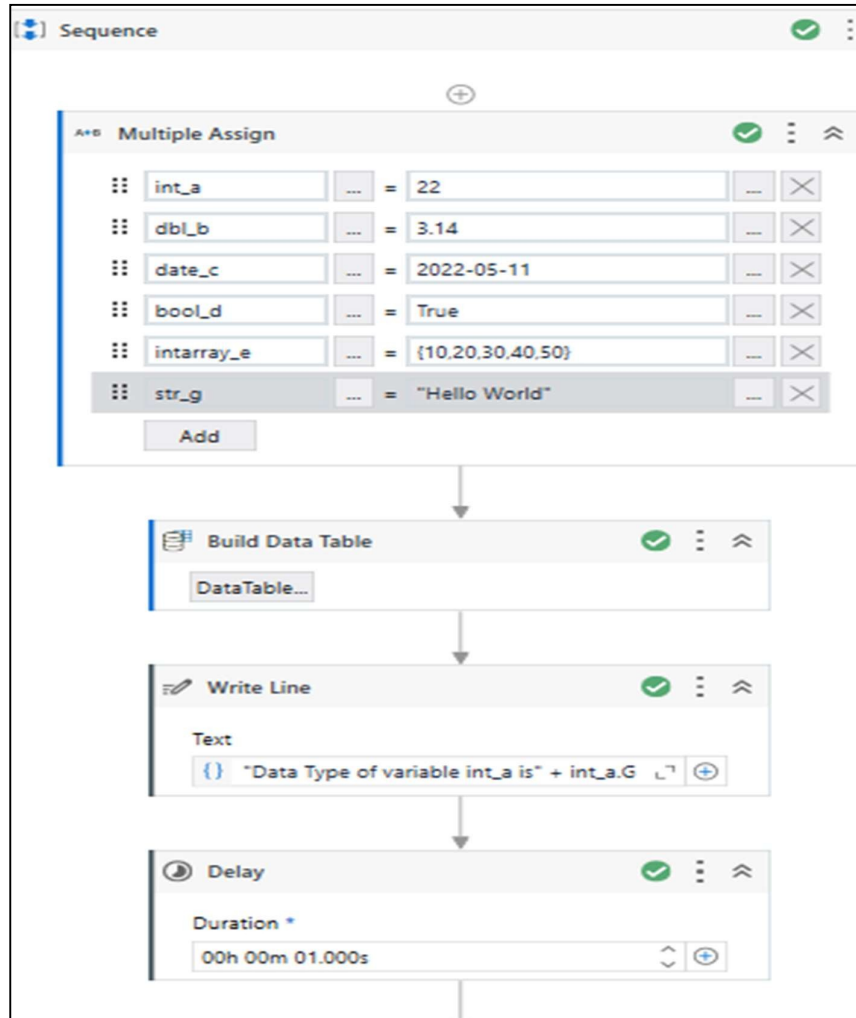
B. Aim: Create an automation UiPath project using different types of variables (number, datetime, Boolean, generic, array, data table).

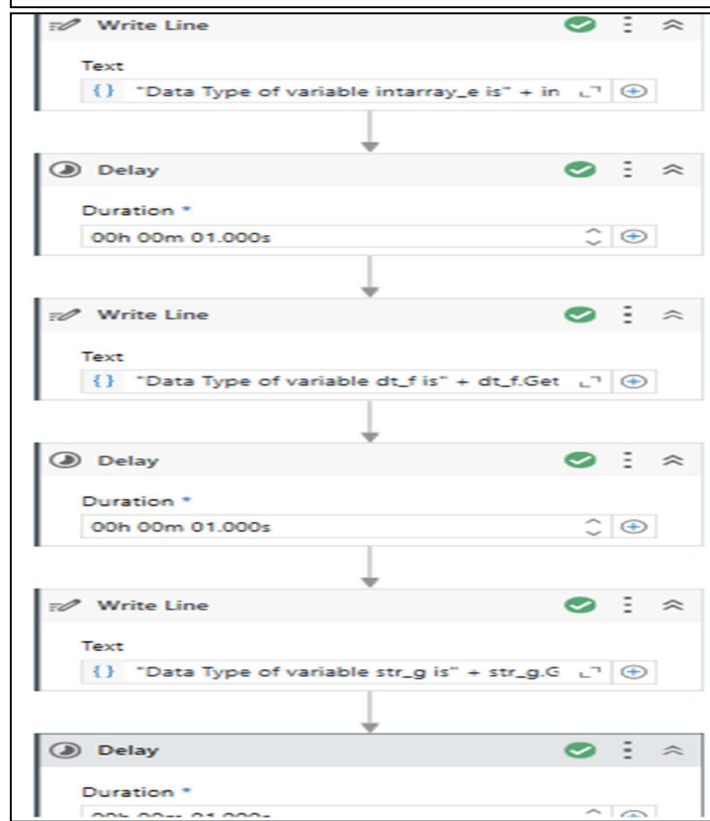
Steps: -

Step 1: Drag and drop Sequence Activity from the Activity Panel.

Step 2: Now drag and drop a Multiple Assign Activity in the flowchart.

Step 3: Add six Multiple Assign Activity (assign int_a, dbl_b, date_c, bool_d, intarray_e, str_g, variables). Create a variable for each Multiple Assign Activity and save it.

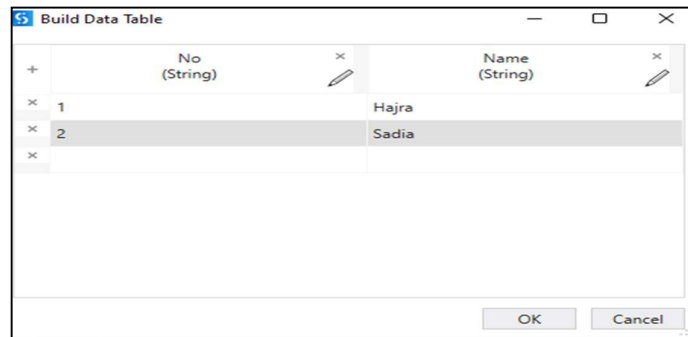




Name	Variable type	Scope	Default
int_a	Int32	Sequence	Enter a VB expression
dbl_b	Double	Sequence	Enter a VB expression
date_c	DateTime	Sequence	Enter a VB expression
bool_d	Boolean	Sequence	Enter a VB expression
intarray_e	Int32[]	Sequence	Enter a VB expression
str_g	String	Sequence	Enter a VB expression
dt_f	DataTable	Sequence	Enter a VB expression
Create Variable			

Step 4: For Data Table drag and drop Build Data Table Activity under Multiple assign activity.

Step 5: Add a column in Build Data Table and name it as No and Name. In Property Panel of Build Data Table in output type dbl_b.(variable created in Step 5).



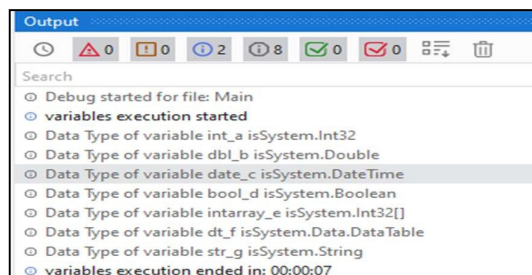
Step 6: Now take a Write Line and Delay Activity.

Step 7: In the text Field of Write line Activity for number type “Data type of variable int_a is ” + int_a.GetTypeOf.ToString and set duration property if Delay Activity.

Step 8: Repeat Step 8 and Step 9 for other Multiple Assign Activity as well(dbl_b, bool_d, intarray_e, dt_f, str_g).

Step 9: Run

Output:



Conclusion:

The practical to automate UiPath project using different types of variables (number, datetime, Boolean, generic, array, datatable) was successfully executed.