VIT®

Vellore Institute of Technology

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Programme	:	B.Tech	Semester	:	Fall 22-23
Course	:	Robotic Process Automation LAB	Code	:	CSE2023
Faculty	:	Sakthivel V	Slot	:	L29+L30

Date: 16-09-2022

Name: P.Je Sai Kailash

Reg Num: 20BRS1208

Model Lab

Question (6)

Build a workflow using Format, Join, IndexOf, Split, and Substring methods that extracts key information from a text and prints in a different format.

- Use the text "You always wanted to study Automation Training. The materials are available in the following places: UiPath Blog, UiPath Academy." for extraction
- Extract "Automation Training" from the first sentence
- Extract "UiPath Blog" and "UiPath Academy" from the second sentence
- Display "get Automation Training from: UiPath Blog; UiPath Academy" in a message box

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(6)

6.) Build a workflow using Format, Join, IndexOf, split & substring methods that extracts key information from a text and prints it in a different format.

→ Text: "You always wanted to study Automation training. The materials are available in the foll. places: Uipath Blog Uipath academy" for extraction.

→ Extract "Automation Training" from the 1st sentence

→ Extract "Uipath blog" and "UiPath Academy" from the 2nd sentence

→ Display "get Automation Training from: Uipath Blog; UiPath Academy" in a message box.

Process

1) Open Ui Path
2) Click on create new Process and give a process name to the file.
3) Click on "create new Workflow" after creating a process
4) Add a new Sequence Activity and rename the sequence to "Sequence - String Manipulation".
5) Right click on the sequence and click on add annotation and type "using Format, Join, IndexOf, split and substring methods to extract information."
6) Create 3 variables

	Name	Datatype	Scope	Default
1)	Var 1	String	"Sequence - String Manipulation"	
2)	Var 2	String	"	
3)	Var 3	List<String> ↳ System.collections.generic.List	"	

7) Use the Assign Activity to assign the message "You always wanted to study automation Training. The materials are available in the following places: UiPath Blog, UiPath Academy".

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8) Create a assign activity and give Var1 as the required message.

9) Create another assign activity and name it as "Assign - Extraction"

Use:

~~msg.Split(":").ToString~~

Var = Var1.split(".", c).first.ToString.Substring(Var1.LastIndexOf("automation"))

10) Create another assign activity To store the "Ui Path Blog" and "Ui Path Academy" from the second sentence.

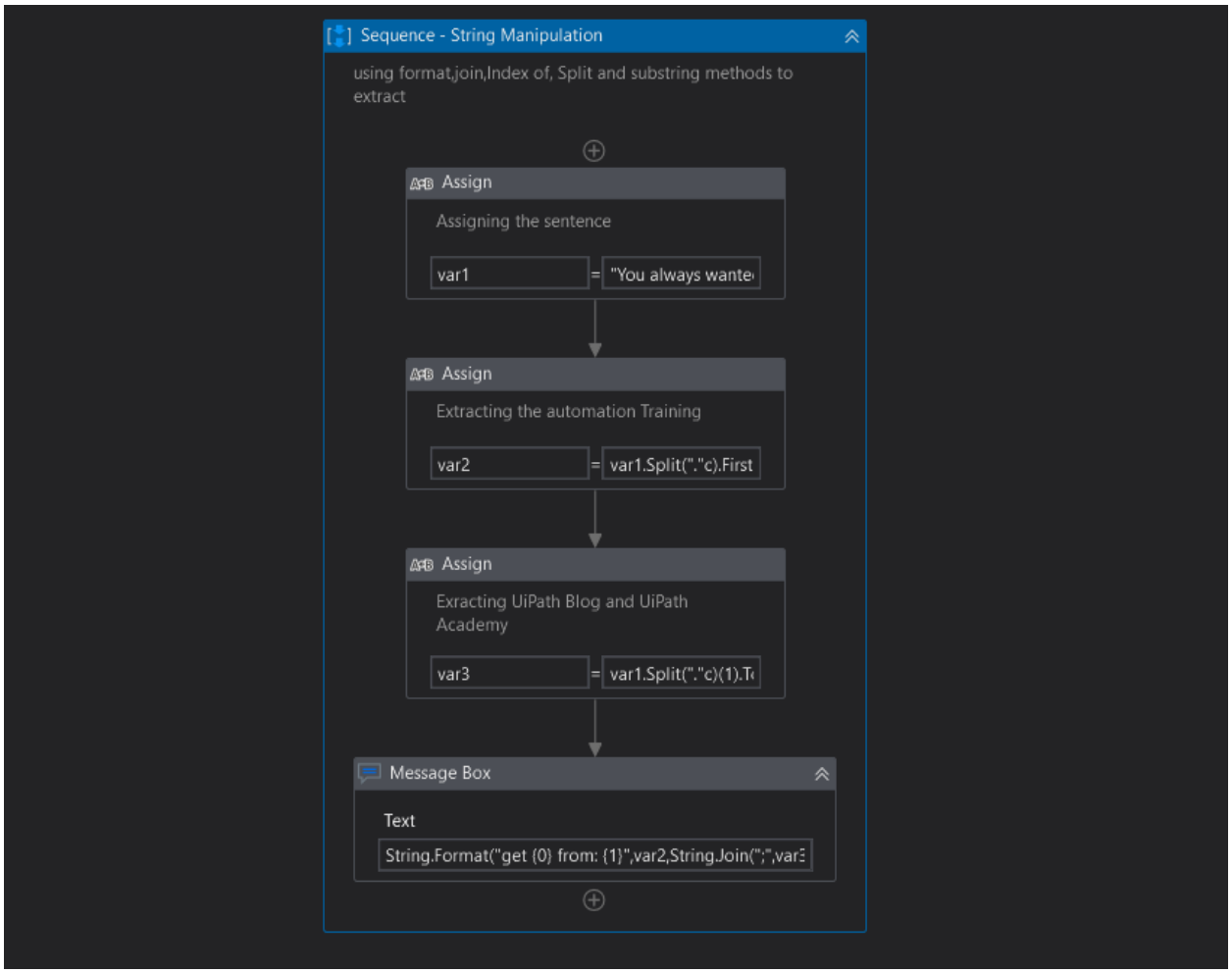
Var3 = var1.Split(".", c)(1).ToString.Split(":",c).Last.ToString.Split(",",c).ToList

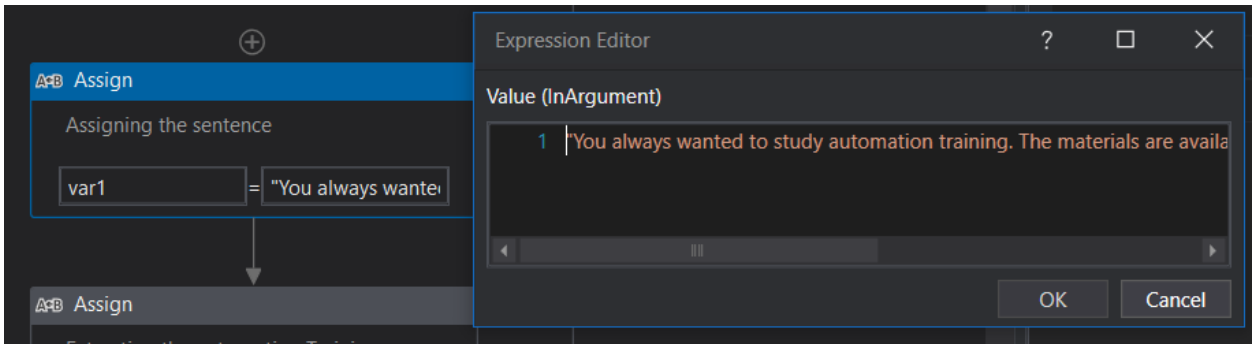
11) Finally use a message box Activity to print the required text.

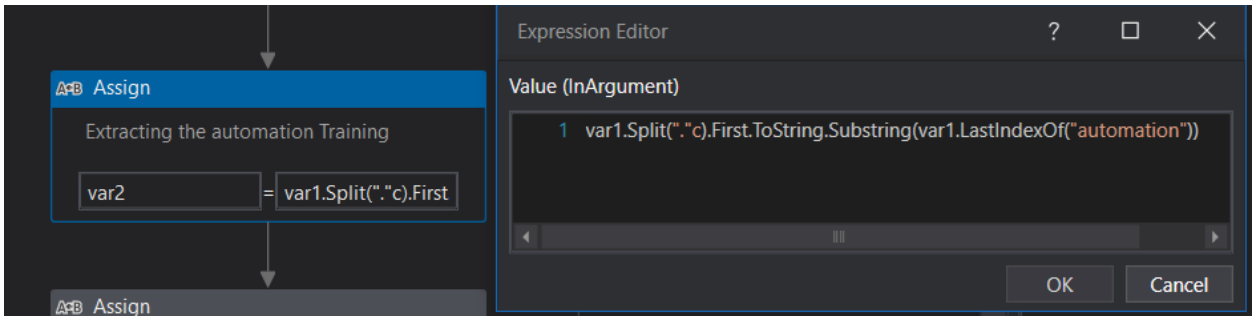
Type "String.Format("{0} From: {1}", Var2, String.Join(";", Var3))" in the message box.

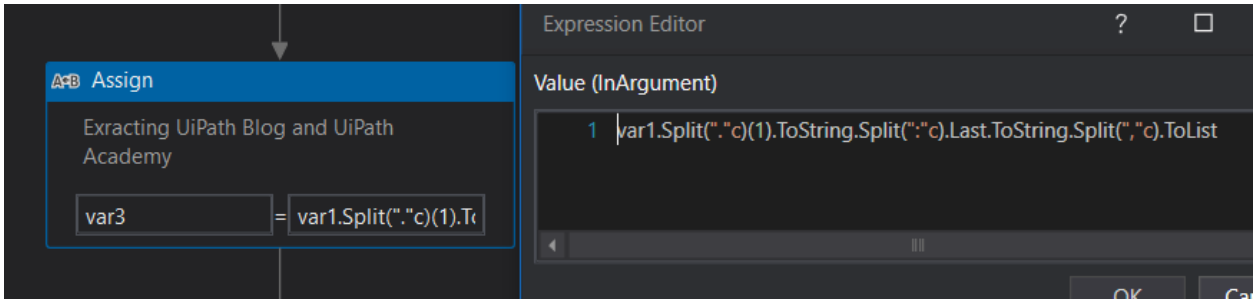
12) Save and Run the workflow.

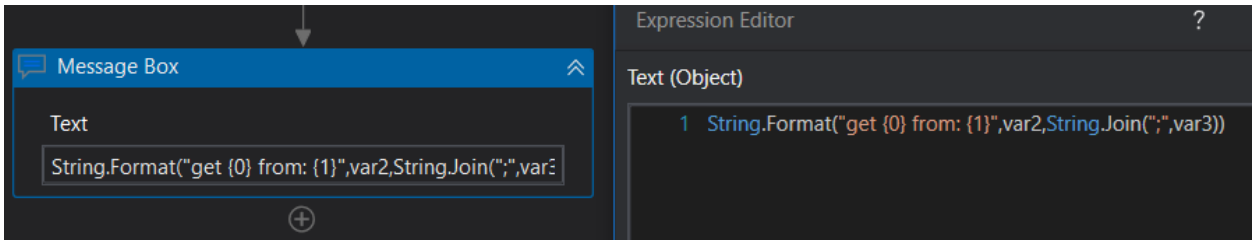
Workflow


Sequence - String Manipulation
using format,join,Index of, Split and substring methods to extract
Assign
Assigning the sentence
var1
= "You always wante
Assign
Extracting the automation Training
var2
= var1.Split(".").First
Assign
Exracting UiPath Blog and UiPath Academy
var3
= var1.Split(".")(1).T
Message Box
Text
String.Format("get {0} from: {1}",var2,String.Join(";",var3

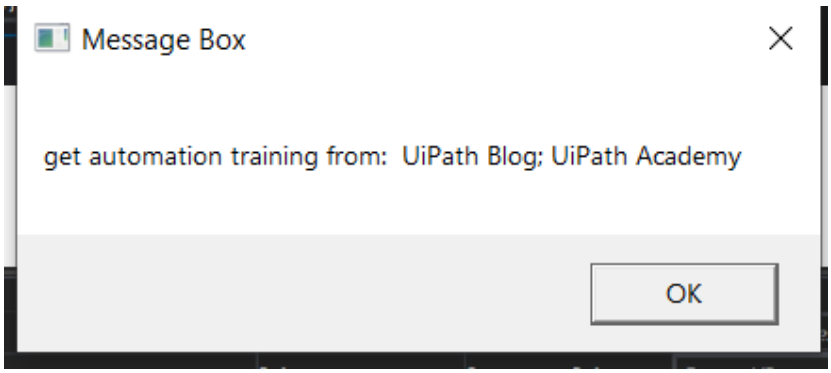

Assign
Assigning the sentence
var1
= "You always wante
Assign
Expression Editor
Value (InArgument)
1 "You always wanted to study automation training. The materials are availa
OK
Cancel







Variables Used

Name	Variable type	Scope	Default
var1	String	Sequence - String...	*Enter a VB expression*
var2	String	Sequence - String...	*Enter a VB expression*
var3	List<String>	Sequence - String...	*Enter a VB expression*
Create Variable			

Output