



# Robotic Process Automation

## Practical #5

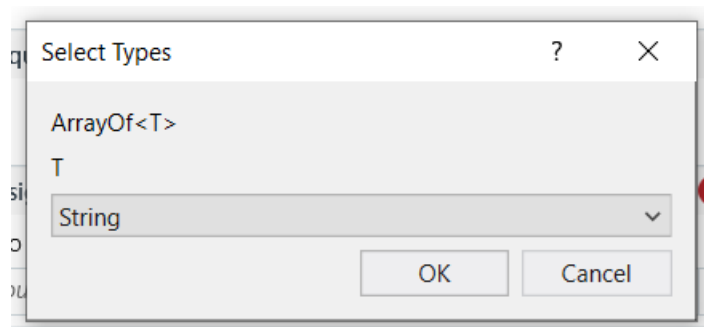
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<b>Class</b>	MSCIT part 2		Batch 1
<b>Subject/Course:</b>	Robotic Process Automation		
<b>Topic</b>	Array		

**Q1. Consider an array of names. We have to find out how many of them start with the letter "a". Create an automation where the number of names starting with "a" is counted and the result is displayed.**

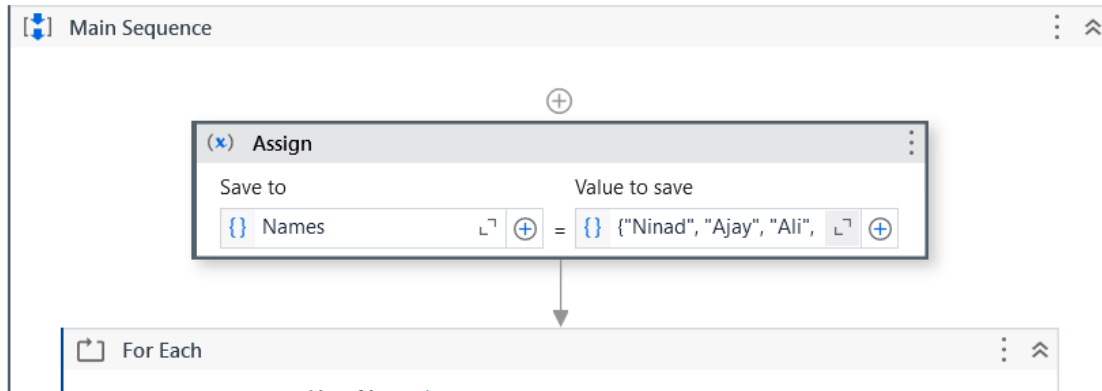
1. Create the Counter Variable:
  - a. Name the variable as CountA.
  - b. Set the variable type to "Int32"

Name	Variable type	Scope	
Names	String[]	Main Sequence	E
CountA	Int32	Main Sequence	E
Create Variable			

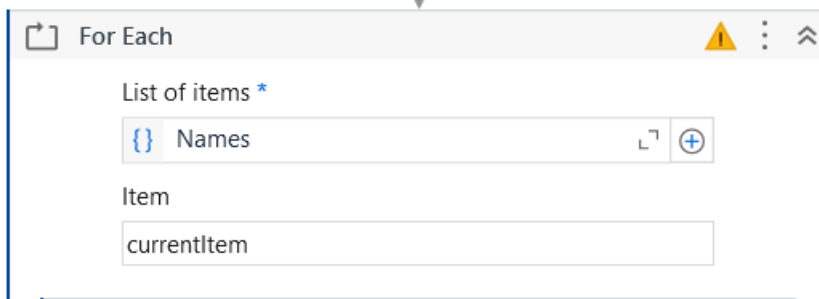
2. Create a Name Variable:
  - a. Name the variable (e.g., Names).
  - b. Set the variable type to "Array of [your chosen data type]" -> "Array of String."



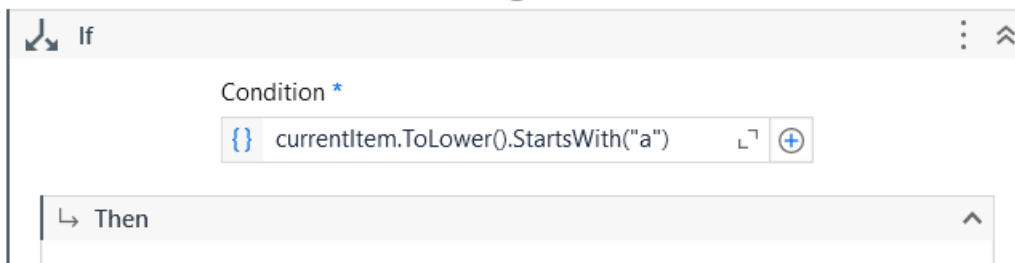
3. Add an Assign Activity: (enter any names with { } )



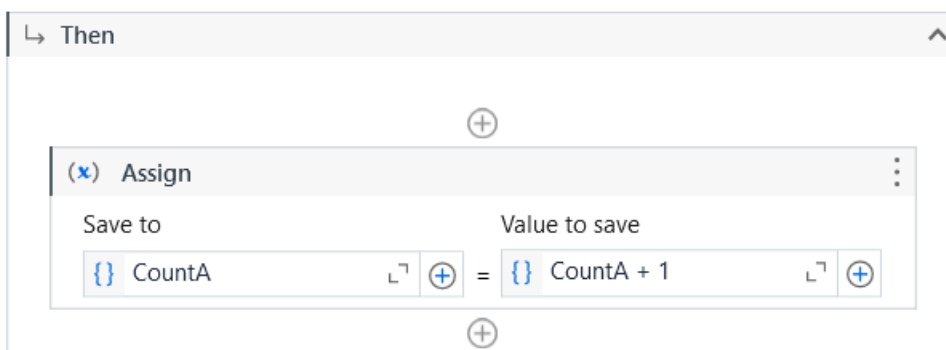
4. Drag and drop a "For Each" activity into the sequence.



5. Add an If Activity (Inside For Each):  
currentItem.ToLower().StartsWith("a")



6. Inside the "Then" section of the "If" activity, add an "Assign" activity.



7. Add a Message Box Activity (After For Each):

