

## PRACTICAL NO. 5

**A. Aim:** 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.

**Steps:** -

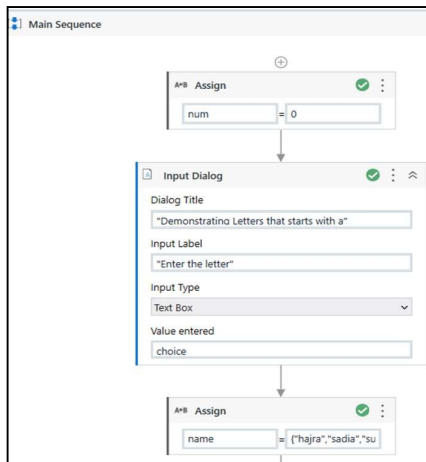
**Step 1:** Open UiPath Studio. Start a BlankProcess and give a name to it.

**Step 2:** Drag and Drop Sequence Activity from the Activity Panel.

**Step 3:** Add an Assign Activity from the Activities panel and assign a variable num=0. Create a variable's name in result in property panel by pressing ctrl+k.

**Step 4:** Now add Input Dialog Box Activity under Assign Activity. In Dialog Title type “Demonstrating Letters that start with a”, in input Label type “Enter the letter” and for Value Entered create a new variable choice.

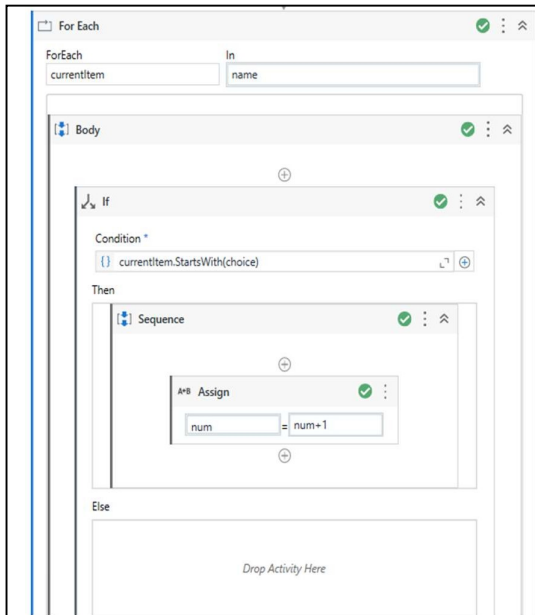
**Step 5:** Add an Assign Activity again under Input Dialog Box and create a variable name with Array of String Type and assign name =  
{“hajra”,”sadia”,”surabhi”,”ahmad”,”abuzar”,”arif”,”aamna”} .



**Step 6:** Now take a For Each Activity. Assign the default variable “currentitem” as name. For the body part drag and drop If Activity.

**Step 7:** Set the condition for If Activity as currentitem.StartsWith(choice).

**Step 8:** In the then part of If Activity drag and drop an Assign Activity and set it as num = num+1.

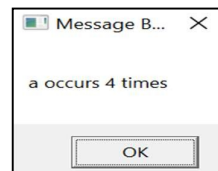
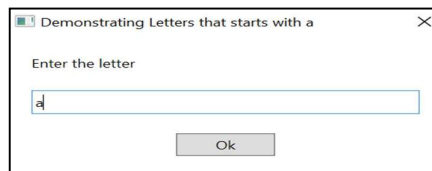
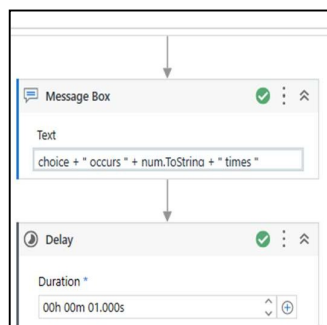


**Step 9:** Now take Message Box Activity under Sequence Activity and in text field type “choice + “occurs” + name.ToString + “times”.

**Step 10:** Select the Delay activity and go to the Properties panel. In the Duration field, set 00:00:01.

**Step 11:** Run.

**Output:**



**Conclusion:**

The practical to create an automation where the number of names starting with “a” is counted and the result is displayed successfully.