

Module 3: Ui Automation and System Activities

Demo 2 – Solution

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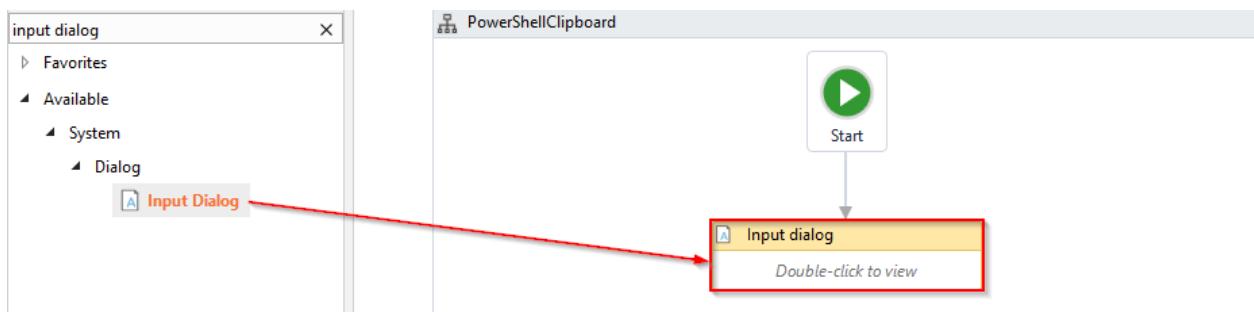
Demo 2

- Create an automation which performs the following activities:
1. Get a text through input dialog box
 2. Copy it on a clipboard
 3. Open a notepad and put the copied text from the clipboard to the notepad
 4. Save and close the notepad
 5. Create a directory through PowerShell
 6. Put the notepad created in the previous step, into this directory

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Demo 2 – Solution

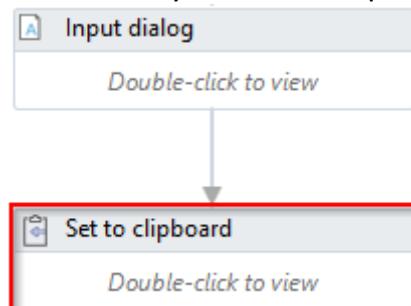
- **Step 1:** Create a blank project and, on the Design tab, in the File group, select New -> **Flowchart**. The New Flowchart Diagram window is displayed. Give a name to the **Flowchart**
- **Step 2:** After the flowchart is created, search for **Input Dialog Box** in the search column in the activity panel and drag and drop it in your flowchart. Double Click on the **Input Dialog Box**. Give a title and label to your input dialog box



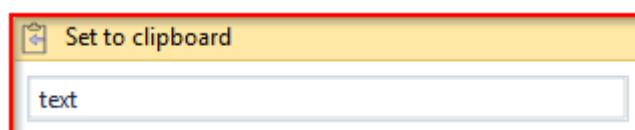
1. Create a variable named **text**.
2. Set its type as **GenericValue**.
3. In the output property of Input Dialog Box, Set **text** in the Result field.

Name	Variable type	Scope	Default
text 1	2 GenericValue	PowerShellClipboard	Enter a VB expression

➤ Step 3: Add **Set to Clipboard** Activity under the Input Dialog and double click on it.

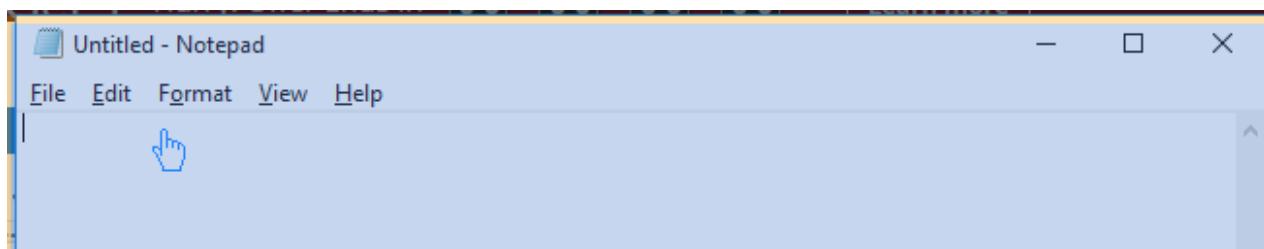
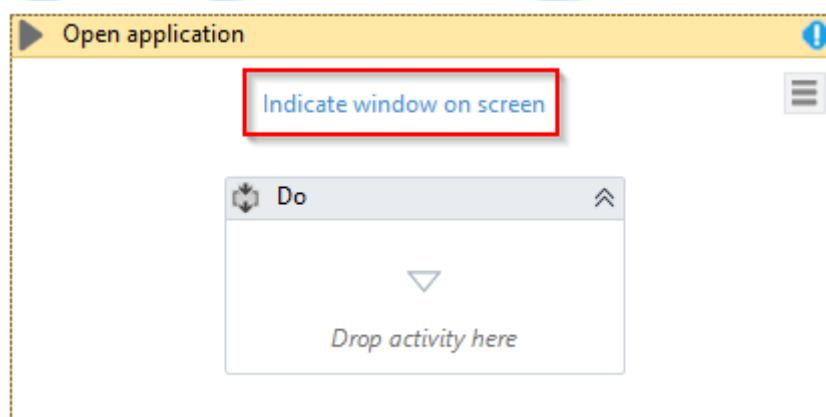


1. Set **text** variable in the Clipboard Activity field

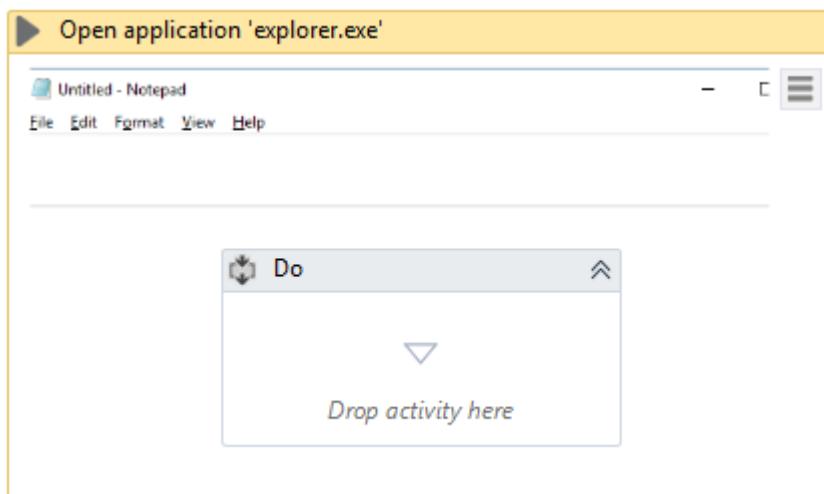


➤ Step 4: Add **Open Application** Activity after Set to Clipboard. Double click on it.

1. Now open a **new notepad file**.
2. Back in the Tool, in Open Application Activity, click on **indicate on screen** and select the notepad screen.

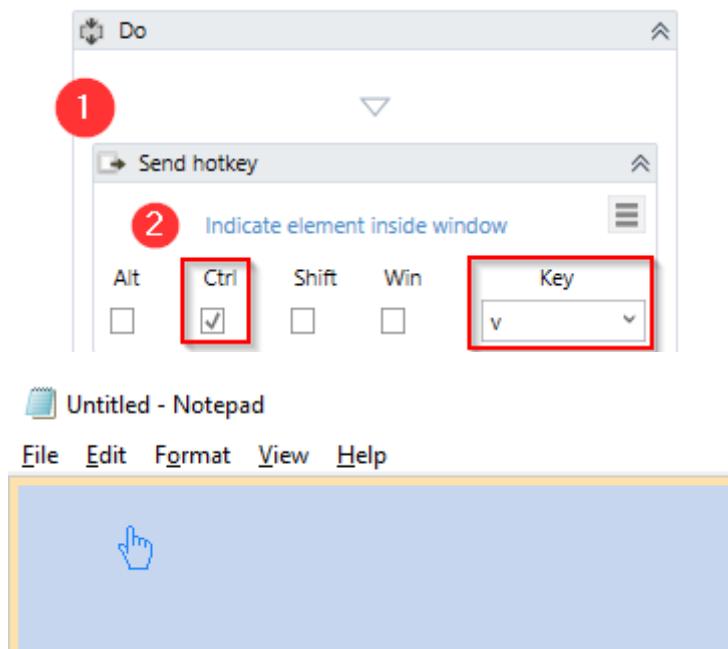


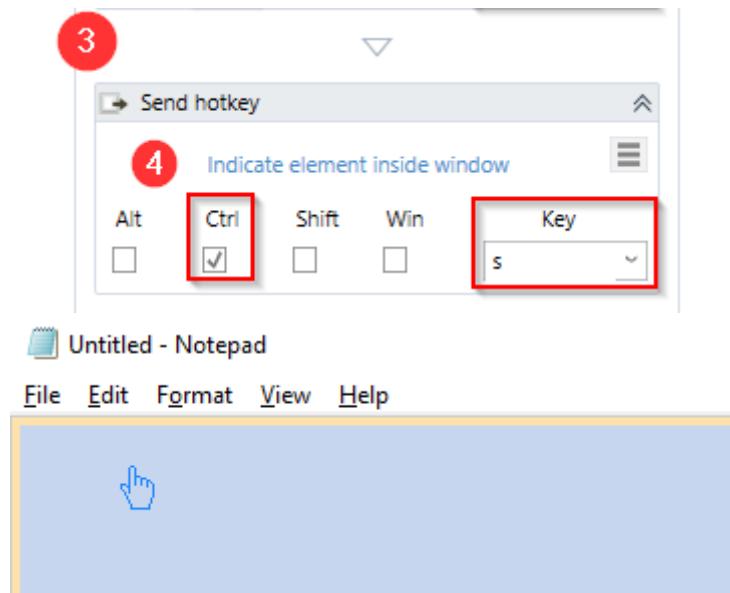
3. Now the **Open Application Activity** will look something like this:



➤ Step 5:

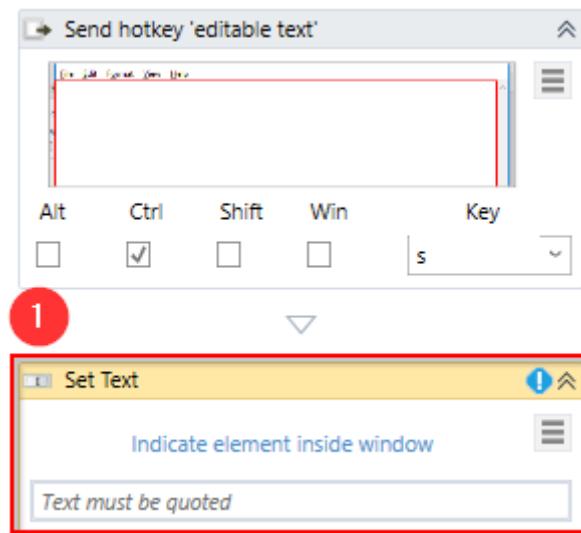
1. Add **Send Hotkey Activity** in the “Do” container of the **Open Application** activity and set the hotkey to **CTRL + V**.
2. Indicate the Notepad application in the **Send Hotkey Activity**. It will copy the text from the clipboard and paste it in the notepad.
3. Add another **Send Hotkey Activity** under the previous one and set the hotkey to **CTRL + S**
4. Indicate the Notepad application in the Send Hotkey Activity. It will save your Notepad file

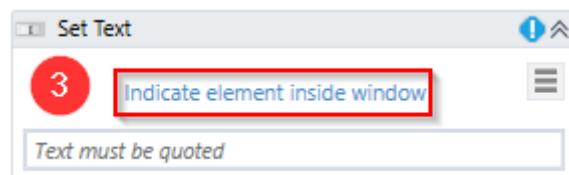
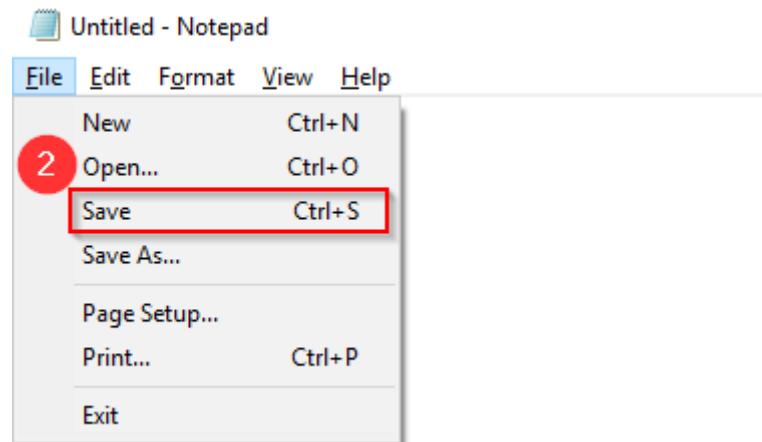




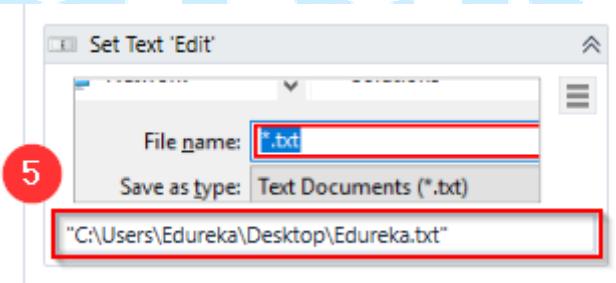
➤ **Step 6:** After the CTRL+S key is triggered on the Notepad file, a screen will appear asking the user to name and save the notepad file in a specific directory. To automate this process:

1. Add **Set Text** activity
2. In the notepad, hit CTRL+S
3. Back in the tool, in Set Text activity, click on Indicate Element inside window
4. Indicate the File Name field on the **Save Window**

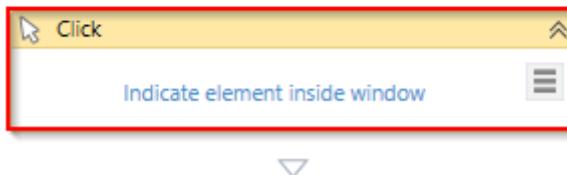
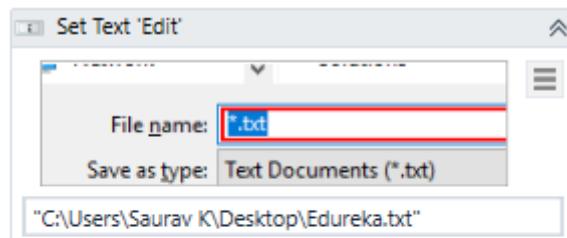




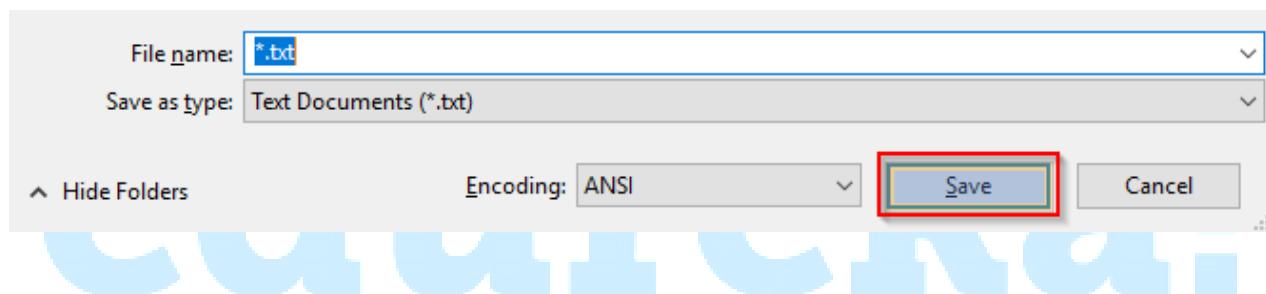
5. Click on the Text Field of Set Text Activity and enter a name for the notepad with complete path as shown below:



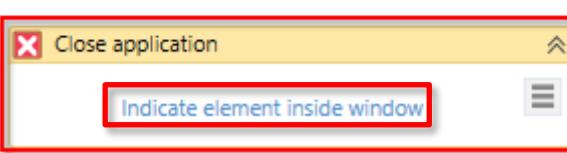
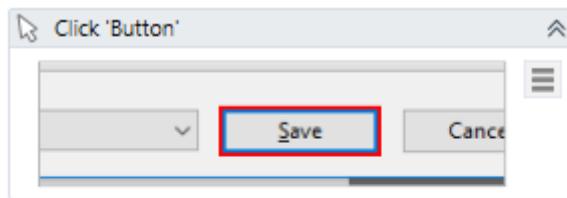
- **Step 7:** Add a **Click Activity** under the Set Text Activity you created in the previous step.



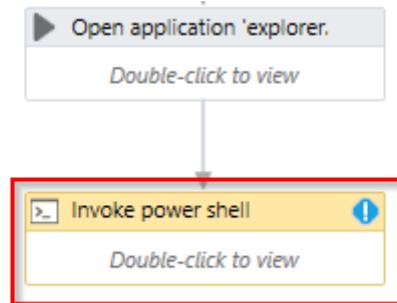
1. Click on **Indicate Element** and indicate the **Save Button** on the Notepad Save Screen



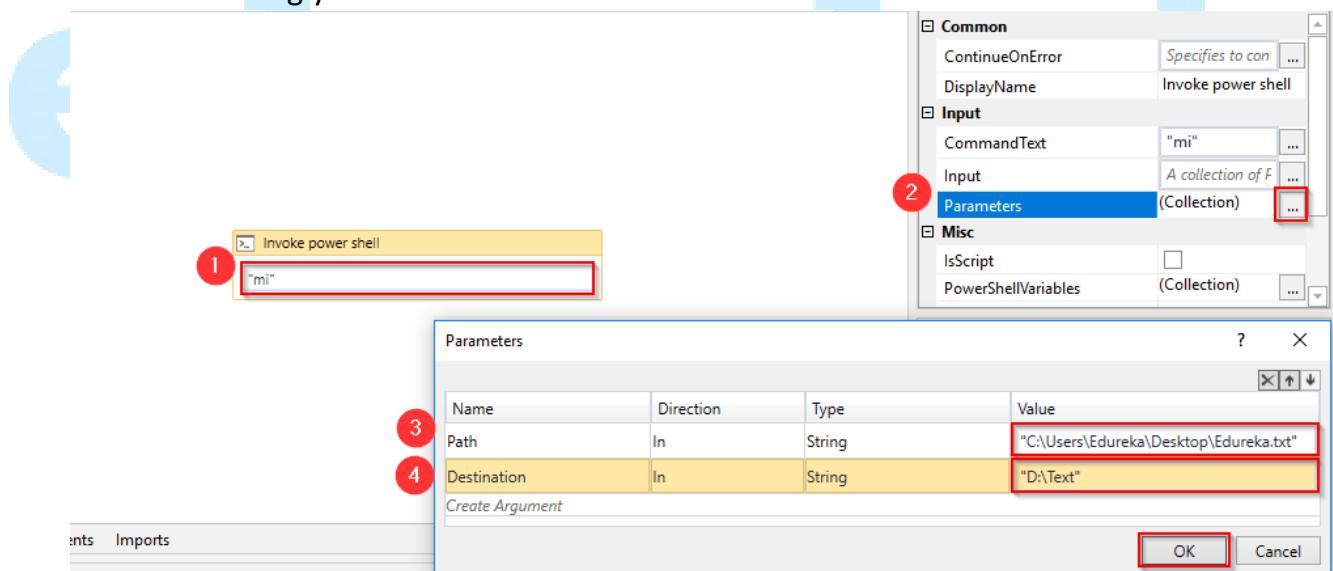
- **Step 8:** Add **Close Application Activity** under Click Activity and indicate the notepad



- **Step 9:** Go back to your Flowchart and add **Invoke PowerShell Activity** after Open Application Activity and Double Click on it to expand.

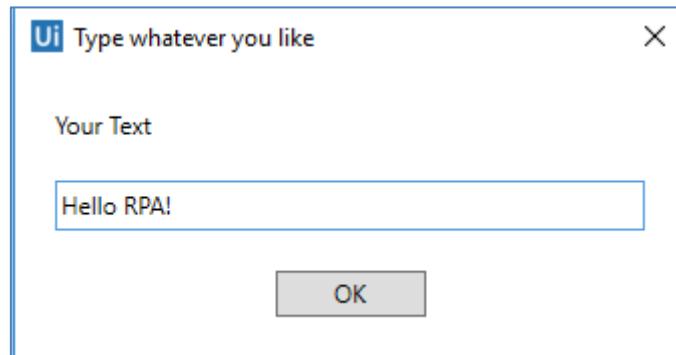


1. Set “mi” in its text field. It’s a PowerShell command meaning **Move Item**.
2. Go to its **Input Parameter** property and create **two arguments**.
3. First argument, where the text file is stored, provide its path in the value column
4. Second argument, where that text file will be moved and set the path accordingly

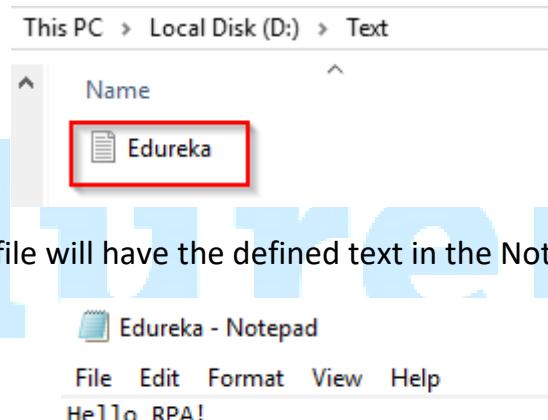


➤ **Step 10:** Now run the project.

1. Type in the value in Input Dialog



2. A new txt file will be created in the specified location



3. This text file will have the defined text in the Notepad file