

Experiment No. 8

Aim:- Automate Notepad Application Using AutoIT.

Theory:- First step we need to know is the name of the Notepad executable. It is notepad.exe. You can get this information by looking at the properties of the Notepad shortcut icon in the Start Menu.

To execute Notepad we use the AutoIT Run function. This function simply launches a given executable and then continues.

Type in this first line of script as:
`Run("notepad.exe")`

Run the Script - if all goes well then a new instance of Notepad should open. When automating applications AutoIT can check for window title so that it knows which window it should work with. With Notepad the window title is obviously Untitled - Notepad.

AutoIT is case-sensitive when using windows titles so you must get the title exactly right. The best way to do this is to use the AutoIT Window AutoIT v3 Window Info. Run the AutoIT v3 Window Info from Start Menu / AutoIT v3 / AutoIT Window Info.

With the Info tool open click on the newly opened Notepad window to activate it; the Info Tool will give you information about it. The information we are interested in is the window title.

Enter the following as the second line in the script

```
WinWaitActive("Untitled - Notepad")
```

After we are sure the Notepad Window is visible we want to type in some text. This is done with the Send function.

Add this line to our script

```
Send("This is some Text")
```

Next we want to close notepad, we can do this with the WinClose function.

```
WinClose("Untitled - Notepad")
```

So, we add a line to wait for this dialog to become active

```
WinWaitActive("Notepad", "Save")
```

Next we want to automatically press ALT-N to select the No/Don't save button. In Send function to send an ALT key we use !.

```
Send("!n")
```


Our complete script now look like this:

```
Run("notepad.exe")  
WinWaitActive("Untitled-Notepad")  
Send("This is some Text.")  
WinClose("Untitled-Notepad")  
WinWaitActive("Notepad", "Save")  
; WinWaitActive("Notepad", "Do you want to  
    save"); When running under Windows XP  
Send("!n")
```

Conclusion :- We learned techniques in this experiment to automate windows Notepad application.

```
1
2 Run("notepad.exe")
3 WinWaitActive("Untitled - Notepad")
4 Send("This is some text.")
5 WinClose("Untitled - Notepad")
6 WinWaitActive("Notepad", "Save")
7 ;WinWaitActive("Notepad", "Do you want to save") ; When running
8 under Windows XP
9 Send("!n")
```

