

Aim :- Automate any installation procedure.

Theory :-

- ① Winzip installation consists of approximately 10 dialog boxes that you must click buttons (usually next) to continue. We are going to write a script that simply waits for these dialog boxes to appear and then clicks the appropriate buttons.
- ② As usual with these types of installation the window title of each dialog is same (Winzip setup) so we must use window text to tell the difference between windows.
- ③ First create a directory that we will use for the Winzip installer and our script file. Copy the Winzip installer and our script to this directory and create a blank script called winzipinstall.exe
- ④ We will now run through the installation manually and write the script as we go, the script lines to automate each dialog will be shown after each picture.
- ⑤ The first script line is easy, we want to run the winzip90.exe installer, so the first line is :
Run ("Winzip90.exe")

⑥ We need to wait for this window to pop up and become active, and then we need to send keystroke ALT-S to click on the setup button. The resulting script lines are:

```
WinWaitActive ("WinZip90-1setup", "2 setup")  
Send ("!S")
```

⑦ We need to wait for the screen to be active and then click Enter to accept install location. The script lines are:

```
WinWaitActive ("WinZip Setup", "into following folder")  
Send (" {Enter}")
```

⑧ Notice that this window has exactly the same title as first of winzip setup - infact all the dialogs in the Setup have this title! In order to tell the difference between these windows we must also use the window text - on each screen try to pick up the most unique text you can.

```
WinWaitActive ("WinZip Setup", "WinZip features include")  
Send ("!N")
```

Wait for window to appear and then press ALT+Y to accept the agreement:

```
WinWaitActive ("License Agreement")  
Send ("!Y")
```

⑨ Setup continues in a similar fashion for a few dialogs. The picture of each dialog is shown along with script lines needed to automate it.

WinWaitActive ("Winzip Setup", "Quick Start Guide")
Send ("!n")

WinWaitActive ("Winzip Setup", "Switch between the two interfaces")

Send ("!c")

Send ("!n")

WinWaitActive ("Winzip Setup", "& Express Setup (recommended)")

Send ("!e")

Send ("!n")

WinWaitActive ("Winzip Setup", "Winzip needs to associate itself with your archive's")

Send ("!n")

⑩ This is the final dialog of setup. Notice that the finish button doesn't have a keyboard shortcut - luckily it is the default button on this dialog so we can just press Enter to select it. If this were not the case then we would have to TAB between controls or better yet use the Controlclick function.

Date ____/____/____

```
WinWaitActive ("Winzip Setup", "Thank You for  
installing this evaluation version")  
Send (" {ENTER}")
```

```
WinWaitActive ("Winzip (Evaluation Version)")  
WinClose ("Winzip (Evaluation Version)")
```

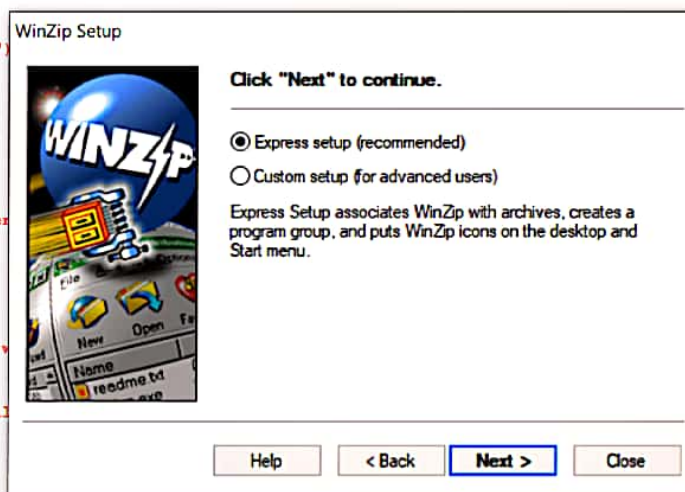
Conclusion :- Hence, we automated any installation procedure - winzip successfully.



```

1  run("winzip90.exe")
2  Sleep(500)
3  WinWaitActive("WinZip® 9.0 SR-1 Setup")
4  Sleep(100)
5  Send("!s")
6  WinWaitActive("WinZip Setup")
7  Send("{ENTER}")
8  WinWaitActive("WinZip Setup - Google Tools")
9  Sleep(100)
10 ControlClick("WinZip Setup - Google Tools","",517)
11 Sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 Sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing WinZip!")
16 Sleep(100)
17 Send("!n")
18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
24 Sleep(100)
25 Send("!n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
27 Sleep(100)
28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself v')
30 Sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
33 Sleep(100)
34 Send("{ENTER}")

```



"C:\Program Files (x86)\AutoIt3\SciTE\..\autoit3.exe" /ErrorStdOut "C:\Users\Administrator\Documents\winrar.au3"

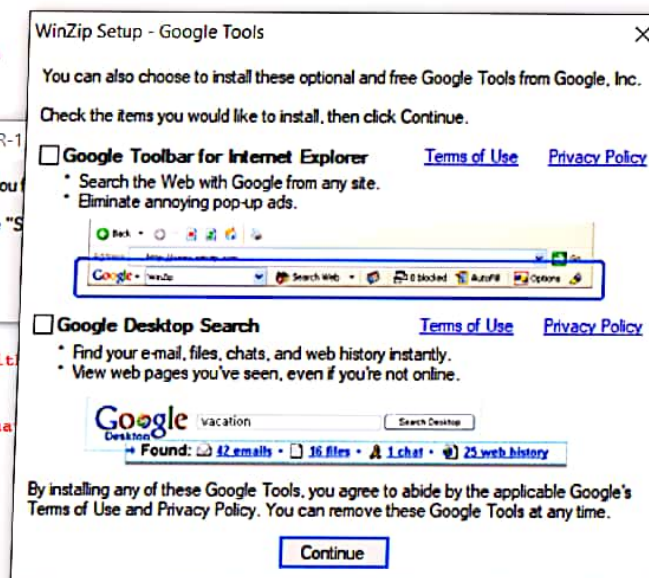
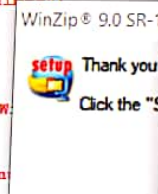
Exit code: 0 Time: 10.42

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```

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19 Sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "W')
24 Sleep(100)
25 Send("!n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to contin')
27 Sleep(100)
28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself with')
30 Sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this evalua')
33 Sleep(100)
34 Send("{ENTER}")

```

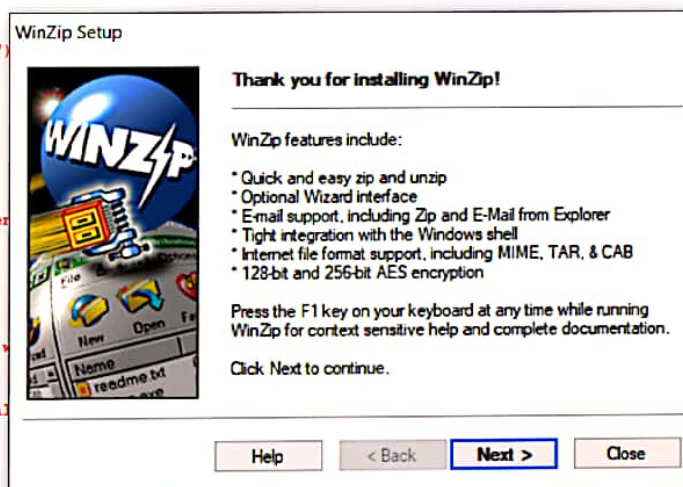




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33 Sleep(100)
34 Send("{ENTER}")

```



```

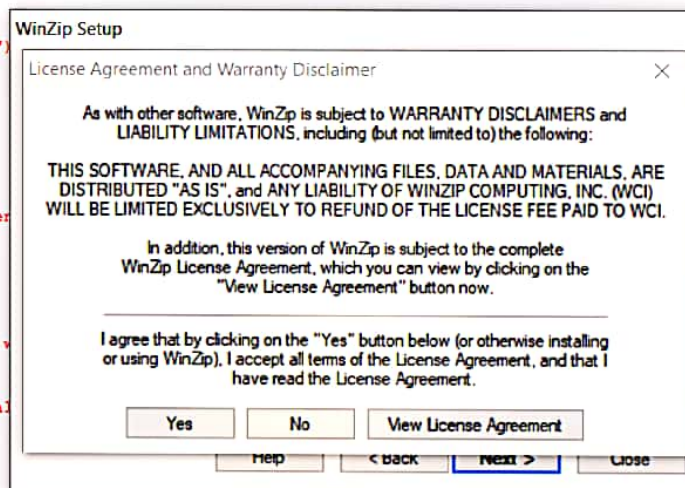
"C:\Program Files (x86)\AutoIt3\SciTE\..\autoit3.exe" /ErrorStdOut "C:\Users\Administrator\Documents\winrar.au3"
Exit code: 0    Time: 10.42

```



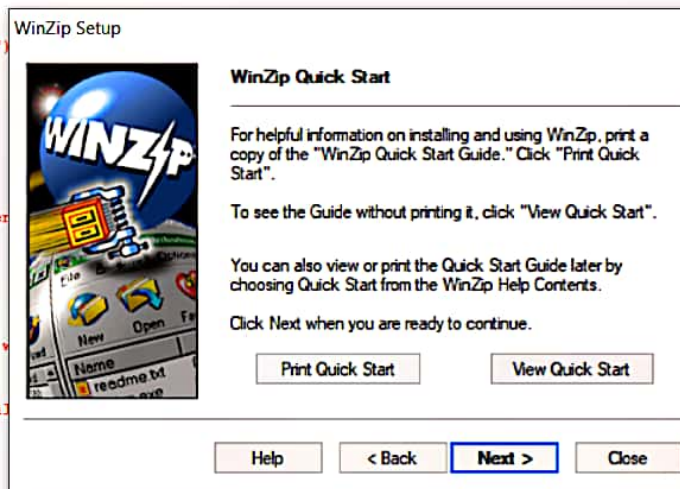
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28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself v')
30 Sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
33 Sleep(100)
34 Send("{ENTER}")
  
```

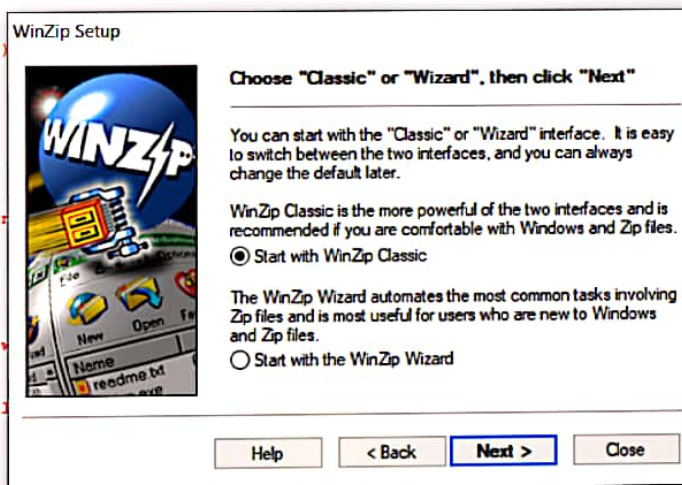


"C:\Program Files (x86)\AutoIt3\SciTE\..\autoit3.exe" /ErrorStdOut "C:\Users\Administrator\Documents\winrar.au3"
 Exit code: 0 Time: 10.42

=30 co=11 INS (CR+LF)


```

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17 Send("!n")
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19 Sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
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25 Send("!n")
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 Exit code: 0 Time: 10.42

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16 Sleep(100)
17 Send("!n")
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19 Sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "W')
24 Sleep(100)
25 Send("!n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to contin')
27 Sleep(100)
28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself with your archives.')
30 Sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this evaluation version.')
33 Sleep(100)
34 Send("{ENTER}")
```

WinZip® 9.0 SR-1 Setup



Thank you for your interest in WinZip!

Click the "Setup" button to install WinZip 9.0 SR-1.

Setup

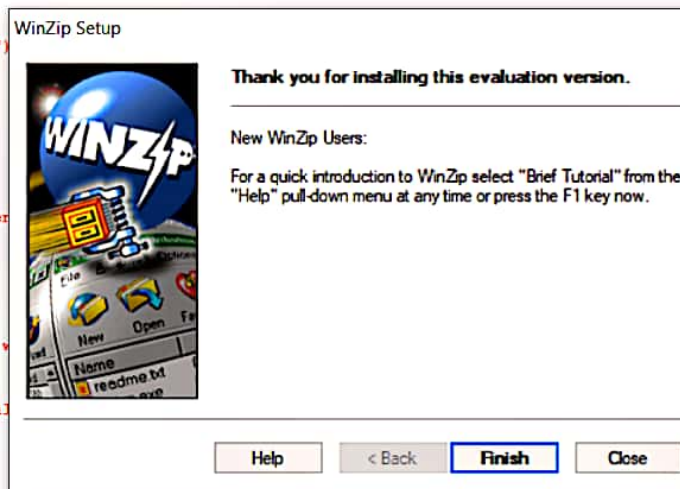
Cancel

Info...

"C:\Program Files (x86)\AutoIt3\SciTE\..\autoit3.exe" /ErrorStdOut "C:\Users\Administrator\Documents\winrar.au3"
Exit code: 0 Time: 10.42


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18 WinWaitActive("License Agreement and Warranty Disclaimer")
19 Sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "Wizard", then')
24 Sleep(100)
25 Send("!n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue.')
27 Sleep(100)
28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate itself w')
30 Sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", 'Thank you for installing this eval')
33 Sleep(100)
34 Send("{ENTER}")
  
```

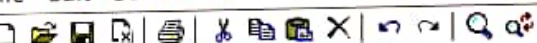


"C:\Program Files (x86)\AutoIt3\SciTE\..\autoit3.exe" /ErrorStdOut "C:\Users\Administrator\Documents\winrar.au3"
 Exit code: 0 Time: 10.42

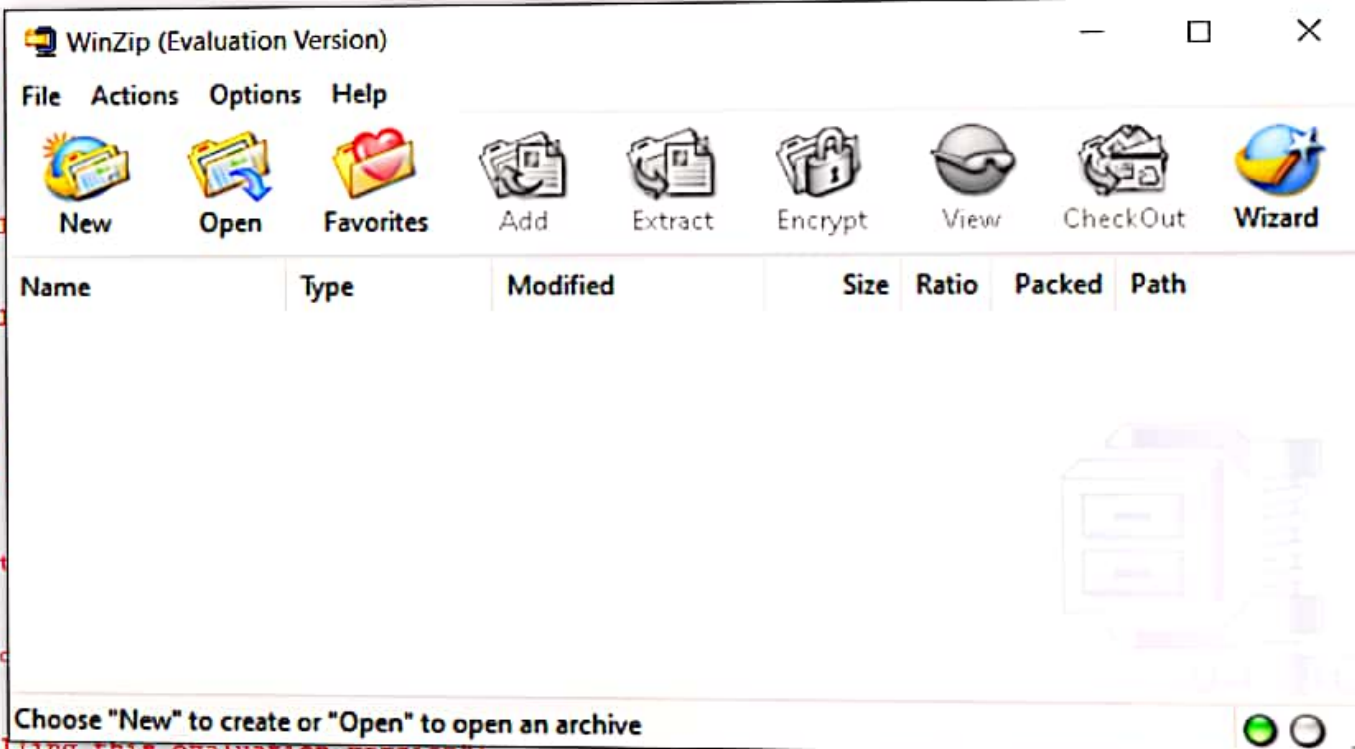
-24 co=11 INS (CR+LF)

\\vmware-host\Shared Folders\Sott testing\practical\9\winrar.exe - some file

File Edit Search View Tools Options Language Buffers Help



```
1 run("winzip90.exe")
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4 sleep(100)
5 Send("!s")
6 WinWaitActive("WinZip Setup")
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11 sleep(100)
12 ControlClick("WinZip Setup - Google Tools","",518)
13 sleep(100)
14 Send("{ENTER}")
15 WinWaitActive("WinZip Setup", "Thank you for installing this evaluation version")
16 sleep(100)
17 Send("!n")
18 WinWaitActive("License Agreement and Warranty Disclosure")
19 sleep(100)
20 Send("!y")
21 WinWaitActive("WinZip Setup", "Quick Start Guide")
22 Send("!n")
23 WinWaitActive("WinZip Setup", 'Choose "Classic" or "New"')
24 sleep(100)
25 Send("!n")
26 WinWaitActive("WinZip Setup", 'Click "Next" to continue')
27 sleep(100)
28 Send("!n")
29 WinWaitActive("WinZip Setup", 'WinZip needs to associate file types')
30 sleep(100)
31 Send("!n")
32 WinWaitActive("WinZip Setup", "Thank you for installing this evaluation version")
33 Send("{ENTER}")
34 WinWaitActive('WinZip (Evaluation Version)')
35 WinClose('WinZip (Evaluation Version)')
36
```




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33 Sleep(100)
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```

WinZip® 9.0 SR-1 Setup



Thank you for your interest in WinZip.
Click the "Setup" button.

WinZip Setup

Setup will install WinZip into the following folder, which it will create if necessary.

If you want to install WinZip in a different folder and/or drive, type the name of the folder below:

Install to:

C:\Program Files (x86)\WinZip

Browse...

OK

Cancel

"C:\Program Files (x86)\AutoIt3\SciTE\..\autoit3.exe" /ErrorStdOut "C:\Users\Administrator\Documents\winrar.au3"

Exit code: 0 Time: 10.42