**HANDLEING MULTIPLE WINDOWS**

For selenium TAB or WINDOW is same

current\_window\_handle & window\_handles are used

current\_window\_handle is used to store the working/current using tab/window here in the program we assigned this to parent window

window\_handles will return a LIST of opened windows/tab so we saved the list to a variable

NOTE :--- when we use window\_handles it will store the parent handle also in the list

PROGRAM :------

import time

from selenium import webdriver

from selenium.webdriver.common.by import By

driver = webdriver.Firefox()

driver.maximize\_window()

driver.get("https://opensource-demo.orangehrmlive.com/")

"""

current\_windwo\_handle is used for single window/tab only

with this here we are storing the parent window to the variable

"""

parent\_window = driver.current\_window\_handle

print("parent window handle ",parent\_window)

#we print here the parent window HANDLE CODE

driver.find\_element(by=By.XPATH,value='/html/body/div[1]/div/div[5]/div[2]/a[1]/img').click()

"""

window\_handles This will return as lists of

opened windows/tabs handles and stored to a variable here

& every window as a unique handle code to it

"""

child\_window = driver.window\_handles

"""iterating the handles"""

for child in child\_window:

    print(child)

#this will print all the child handles code

    if parent\_window != child:

        print("switching to new tab")

        driver.switch\_to.window(child)

        """switching to child window """

        time.sleep(3)

        #performing some operation in child tab

        print("title is ",driver.title)

        driver.find\_element(by=By.XPATH,value='//\*[@id="email-or-phone"]').send\_keys("selenium")

        driver.close()

        #this close method will close only the child tab

driver.switch\_to.window(parent\_window)

"""swtich\_to parent window is mandatory"""

print("parent window title ",driver.title)

driver.find\_element(by=By.ID,value='txtUsername').send\_keys("Admin")

"""close() - will close current tab

    quit() - will close all tabs at once

"""