**DROP DOWN**

**METHOD AND EXAMPLES**

Initially import the library :--

from selenium.webdriver.support.select import Select

select method always expect the webelement as an argument

if not exception will rise i.e UnexpectedTagNameException

class Select(webelement||object containing webelement)

Program :----

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support.select import Select

import time

driver = webdriver.Firefox()

driver.maximize\_window()

driver.get("https://www.facebook.com/")

driver.find\_element(by=By.XPATH,value="//a[text()='Create New Account']").click()

time.sleep(3)

month = driver.find\_element(by=By.ID,value="month")

monthDD = Select(month)

#preference 1

# visible text can be seen

monthDD.select\_by\_visible\_text("Aug")

time.sleep(3)

#preference 2

# value is also seen while inspect

monthDD.select\_by\_value('6')

time.sleep(3)

#preference 3

# index may vary sometimes

monthDD.select\_by\_index(3)

time.sleep(3)

Similarly we have other methods such as

* deselect\_by\_visible\_text
* deselect\_by\_value
* deselect\_by\_index
* deselect\_all

these methods are used to deselect the options

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If we want to know which options were default selected we have a method

first\_selected\_option

this will give is the default values which are selected

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from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support.select import Select

import time

driver = webdriver.Firefox()

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driver.get("https://www.facebook.com/")

driver.find\_element(by=By.XPATH,value="//a[text()='Create New Account']").click()

time.sleep(3)

#storing the elemnet of month dropdown to a variable

month = driver.find\_element(by=By.ID,value="month")

#passing the element as a variable to Select method

monthDD = Select(month)

# options class will return the list of options available

ddlist = monthDD.options

#using the first\_selected\_option method

#we can get the default selected values

firstitem = monthDD.first\_selected\_option

print("Default selected items are ",firstitem)

#printed the default values

#asserted the deafult value is oct or not

assert "oct" == firstitem.text

# print the length of the list

print(len(ddlist))

assert 13 == len(ddlist)

#asserting whether 13 values are coorect or not

"""this for loop is to print the list of

 options available and stored in the variable

 ddlist

 """

for ele in ddlist:

    print("value is ",ele.text)

    #this will print the items in the list

    if ele.text == "Nov":

        ele.click()

        break

"""

using the if block we can search the required option

from the available options

and select that option as shown in the block

break is used to break the block

"""

#preference 1

monthDD.select\_by\_visible\_text("Aug")

time.sleep(3)

#preference 2

monthDD.select\_by\_value('6')

time.sleep(3)

#preference 3

monthDD.select\_by\_index(3)

time.sleep(3)