**Assignment 6: Convert Selenium scripts to use Pytest**

* **Program:**

import pytest

from time import sleep

from selenium import webdriver

class TestForm():

def setup(self):

self.driver = webdriver.Chrome()

self.vars = {}

def teardown(self):

self.driver.quit()

def test\_SeleniumForm(self):

url = "https://shop.one-shore.com/index.php"

self.driver.get(url)

contact\_locator = "div[id='contact-link'] a"

contact = self.driver.find\_element\_by\_css\_selector(contact\_locator)

contact.click()

subject\_locator = ".contact-form > form select[name=id\_contact]"

webmaster\_locator = "option[value='1']"

subject = self.driver.find\_element\_by\_css\_selector(subject\_locator)

subject.find\_element\_by\_css\_selector(webmaster\_locator).click()

email\_locator = "//section[@class='contact-form']//input[@type='email']"

my\_email = "abc@def.com"

email = self.driver.find\_element\_by\_xpath(email\_locator)

email.send\_keys(my\_email)

message\_locator = "textarea[placeholder='How can we help?']"

my\_message = "Dont mind me! Just testing Selenium."

message = self.driver.find\_element\_by\_css\_selector(message\_locator)

message.send\_keys(my\_message)

sleep(3)

submit\_locator = "//input[@name='submitMessage']"

submit = self.driver.find\_element\_by\_xpath(submit\_locator)

submit.click()

assert self.driver.find\_element\_by\_css\_selector(".col-xs-12 li").text == "Your message has been successfully sent to our team."

* **Output:**

test\_Form\_Assignment\_6.py

DevTools listening on ws://127.0.0.1:56820/devtools/browser/ee057f5d-a5fc-448c-89ef-4b35f146dea5

[3820:9928:1030/150137.615:ERROR:chrome\_browser\_main\_extra\_parts\_metrics.cc(230)] crbug.com/1216328: Checking Bluetooth availability started. Please

report if there is no report that this ends.

[3820:9928:1030/150137.616:ERROR:chrome\_browser\_main\_extra\_parts\_metrics.cc(233)] crbug.com/1216328: Checking Bluetooth availability ended.

[3820:1804:1030/150137.617:ERROR:device\_event\_log\_impl.cc(214)] [15:01:37.617] USB: usb\_device\_handle\_win.cc:1048 Failed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)

[3820:1804:1030/150137.628:ERROR:device\_event\_log\_impl.cc(214)] [15:01:37.627] USB: usb\_device\_handle\_win.cc:1048 Failed to read descriptor from node connection: A device attached to the system is not functioning. (0x1F)

[3820:9928:1030/150137.632:ERROR:chrome\_browser\_main\_extra\_parts\_metrics.cc(236)] crbug.com/1216328: Checking default browser status started. Please

report if there is no report that this ends.

[3820:9928:1030/150137.674:ERROR:chrome\_browser\_main\_extra\_parts\_metrics.cc(240)] crbug.com/1216328: Checking default browser status ended.

. [100%]

================================================================= warnings summary =================================================================

C:\ProgramData\Anaconda3\lib\site-packages\pyreadline\py3k\_compat.py:8

C:\ProgramData\Anaconda3\lib\site-packages\pyreadline\py3k\_compat.py:8: DeprecationWarning: Using or importing the ABCs from 'collections' instead

of from 'collections.abc' is deprecated since Python 3.3, and in 3.9 it will stop working

return isinstance(x, collections.Callable)

-- Docs: https://docs.pytest.org/en/stable/warnings.html

========================================================== 1 passed, 1 warning in 17.16s ===========================================================