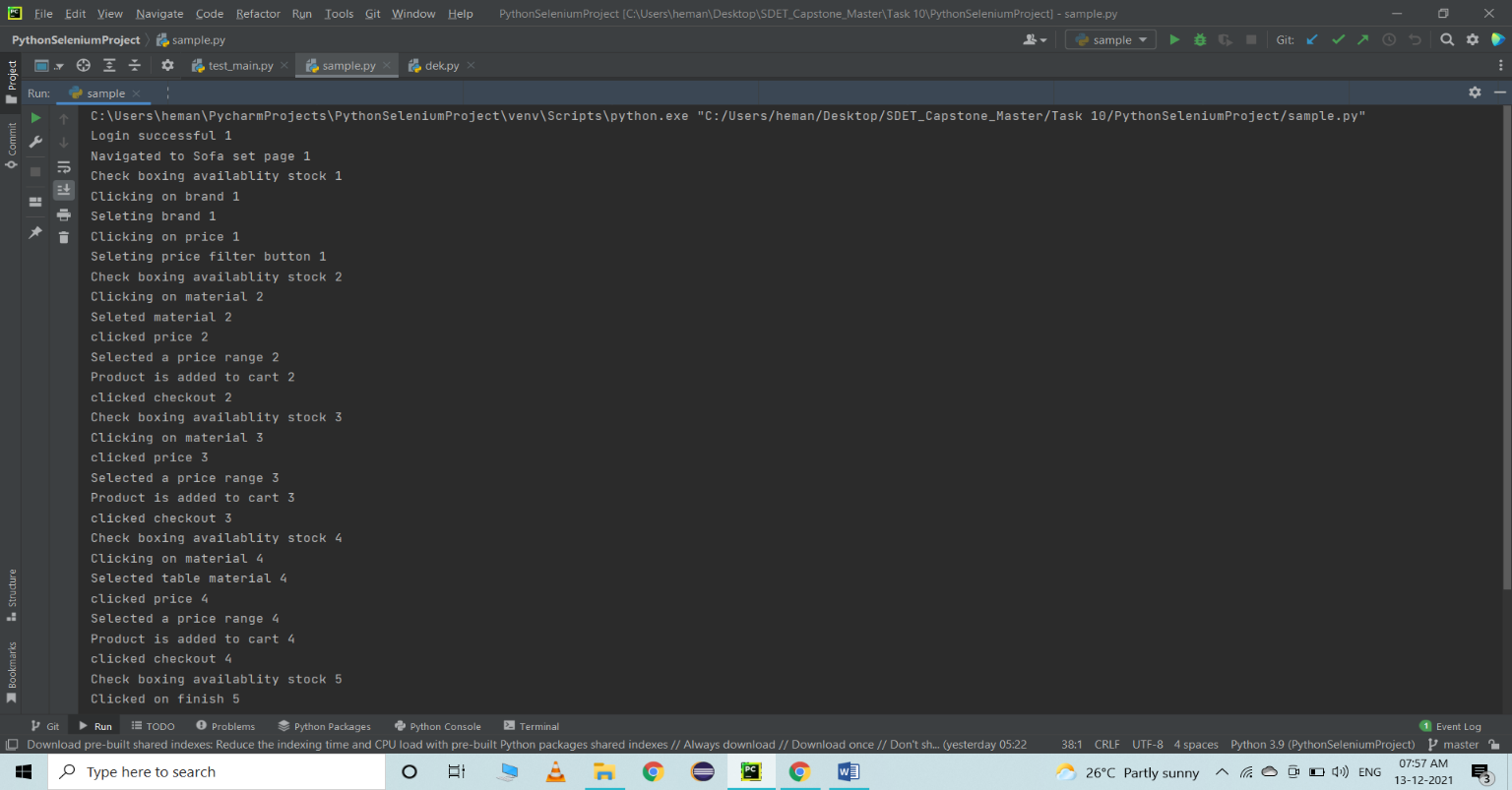
**SBA\_Assesment\_12**

Python Testing

Python – Selenium

from selenium import webdriver  
from selenium.webdriver.chrome.service import Service  
from selenium.webdriver.common.by import By  
import time  
  
  
class Test:  
  
 def \_\_init\_\_(self):  
 self.s = Service(r"C:\\Users\\heman\\Desktop\\UST\_Workspace\\chromedriver.exe")  
 browser = webdriver.Chrome(service=self.s)  
 url = 'https://www.urbanladder.com/'  
  
 browser.get(url)  
 browser.maximize\_window()  
  
 browser.find\_element(By.XPATH, "//\*[@id='header']/div[1]/div/section[3]/ul/li[2]/span").click()  
 time.sleep(1)  
 browser.find\_element(By.LINK\_TEXT, "Log In").click()  
 time.sleep(5)  
 browser.find\_element(By.XPATH, "/html/body/div[6]/div/div[1]/div/div[2]/div[3]/form/div/input").send\_keys("abc1111@gmail.com")  
 time.sleep(2)  
 browser.find\_element(By.XPATH, "/html/body/div[6]/div/div[1]/div/div[2]/div[3]/form/div/div/div/input").send\_keys("Fk#mM!wGS9jvx4Z")  
 browser.find\_element(By.ID, "ul\_site\_login").click()  
 print("Login successful 1")  
  
 browser.find\_element(By.XPATH, "/html/body/div[1]/header/div[2]/div/nav/div/ul/li[2]/span").click()  
 time.sleep(2)  
 #browser.find\_element(By.LINK\_TEXT, "Sofa Set").click();  
 print("Navigated to Sofa set page 1");  
  
 browser.find\_element(By.XPATH, "/html/body/div[1]/header/div[2]/div/nav/div/ul/li[2]/div/div/ul/li[1]/ul/li[1]/a/span").click()  
 time.sleep(4)  
 browser.find\_element(By.ID, "filters\_availability\_In\_Stock\_Only").click()  
 print("Check boxing availablity stock 1")  
 time.sleep(10)  
  
 browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[4]/div[1]").click()  
 print("Clicking on brand 1")  
 time.sleep(2)  
 browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[4]/div[2]/div/div/div/ul/li[2]/label").click()  
 print("Seleting brand 1")  
 time.sleep(1)  
  
 browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[1]").click()  
 print("Clicking on price 1")  
 time.sleep(2)  
 browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[2]/div/div/ul/li[2]/div[2]/label/input").click()  
 print("Seleting price filter button 1")  
 time.sleep(3)  
  
 # Test 2  
 browser.get("https://www.urbanladder.com/balcony-chairs?src=g\_topnav\_living\_balcony-outdoor\_balcony-chairs")  
 browser.find\_element(By.ID, "filters\_availability\_In\_Stock\_Only").click()  
 print("Check boxing availablity stock 2")  
 time.sleep(10)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[3]/div[1]").click()  
 print("Clicking on material 2")  
 time.sleep(2)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[3]/div[2]/div/div/div/ul/li[1]/input").click()  
 print("Seleted material 2")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[1]").click()  
 print("clicked price 2")  
 time.sleep(3)  
 browser.find\_element(By.ID, "price\_limit\_1704-27303").click()  
 print("Selected a price range 2")  
 time.sleep(3)  
 browser.get("https://www.urbanladder.com/products/kyodo-swing-chair-with-stand?sku=FNODSW85OR30011&src=subcat")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[2]/div[3]/div[3]/div[3]/div[1]/div[2]/div[1]/div[6]/form/div/div[2]/div[1]/div[3]/button").click()  
 print("Product is added to cart 2")  
 browser.find\_element(By.ID, "checkout-link").click()  
 print("clicked checkout 2")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[2]/div/input").send\_keys("683580")  
 time.sleep(3)  
  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[7]/div/textarea").send\_keys("aaabbbbccc")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[8]/div/input").send\_keys("xxxxx")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[9]/div/input").send\_keys("yyyyyy")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[10]/div/div/input").send\_keys("123456790")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[2]/div[1]/div/input").send\_keys("gst105")  
 browser.find\_element(By.XPATH, "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[2]/input").click()  
  
  
 # Test 3  
 browser.get("https://www.urbanladder.com/bookshelf?src=g\_topnav\_living\_storage\_bookshelves")  
 browser.find\_element(By.ID, "filters\_availability\_In\_Stock\_Only").click()  
 print("Check boxing availablity stock 3")  
 time.sleep(10)  
 browser.find\_element(By.XPATH,  
 "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[4]/div[1]").click()  
 print("Clicking on material 3")  
 time.sleep(2)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[1]").click()  
 print("clicked price 3")  
 time.sleep(3)  
 browser.find\_element(By.ID, "price\_limit\_9000-15999").click()  
 print("Selected a price range 3")  
 time.sleep(3)  
 browser.get("https://www.urbanladder.com/products/theodore-open-display-cabinet?sku=FNSGDR33WG10001&src=subcat")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[2]/div[3]/div[3]/div[3]/div[1]/div[2]/div[1]/div[4]/form/div/div[2]/div/div[3]/button").click()  
 print("Product is added to cart 3")  
 browser.find\_element(By.ID, "checkout-link").click()  
 print("clicked checkout 3")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[2]/div/input").send\_keys("683580")  
 time.sleep(3)  
  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[7]/div/textarea").send\_keys("aaabbbbccc")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[8]/div/input").send\_keys("xxxxx")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[9]/div/input").send\_keys("yyyyyy")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[10]/div/div/input").send\_keys("123456790")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[2]/div[1]/div/input").send\_keys("gst105")  
 browser.find\_element(By.XPATH, "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[2]/input").click()  
  
  
 #Test 4  
 browser.get("https://www.urbanladder.com/coffee-table?src=g\_topnav\_living\_tables\_coffee-tables")  
 browser.find\_element(By.ID, "filters\_availability\_In\_Stock\_Only").click()  
 print("Check boxing availablity stock 4")  
 time.sleep(10)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[5]/div[1]").click()  
 print("Clicking on material 4")  
 time.sleep(2)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[5]/div[2]/div/div/div[1]/ul/li[5]/input").click()  
 print("Selected table material 4")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[1]").click()  
 print("clicked price 4")  
 time.sleep(3)  
 browser.find\_element(By.ID, "price\_limit\_5000-8999").click()  
 print("Selected a price range 4")  
 time.sleep(3)  
 browser.get("https://www.urbanladder.com/products/botwin-coffee-table?sku=FNTBCF11MH10131&src=subcat")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[2]/div[3]/div[3]/div[3]/div[1]/div[2]/div[1]/div[7]/form/div/div[2]/div[1]/div[3]/button").click()  
 print("Product is added to cart 4")  
 browser.find\_element(By.ID, "checkout-link").click()  
 print("clicked checkout 4")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[2]/div/input").send\_keys("683580")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[7]/div/textarea").send\_keys("aaabbbbccc")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[8]/div/input").send\_keys("xxxxx")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[9]/div/input").send\_keys("yyyyyy")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[10]/div/div/input").send\_keys("123456790")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[2]/div[1]/div/input").send\_keys("gst105")  
 browser.find\_element(By.XPATH, "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[2]/input").click()  
  
  
 #Test 5  
 browser.get("https://www.urbanladder.com/rocking-chairs-living?src=g\_topnav\_living\_chairs\_rocking-chairs")  
 browser.find\_element(By.ID, "filters\_availability\_In\_Stock\_Only").click()  
 print("Check boxing availablity stock 5")  
 time.sleep(10)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[2]/div[1]").click()  
 print("Clicked on finish 5")  
 time.sleep(2)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[2]/div[2]/div/div/div/ul/li[1]/input").click()  
 print("Selected finish 5")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[1]").click()  
 print("clicked price 5")  
 time.sleep(3)  
 browser.find\_element(By.ID, "price\_limit\_32264-38631").click()  
 print("Selected a price range 5")  
 time.sleep(3)  
 browser.get("https://www.urbanladder.com/products/michael-rocking-chair?sku=FVSTCH62BR10136&src=subcat")  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[2]/div[3]/div[3]/div[3]/div[1]/div[2]/div[1]/div[4]/form/div/div[2]/div/div[3]/button").click()  
 print("Product is added to cart 5")  
 browser.find\_element(By.ID, "checkout-link").click()  
 print("clicked checkout 5")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[2]/div/input").send\_keys(  
 "683580")  
 time.sleep(3)  
 browser.find\_element(By.XPATH,"/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[7]/div/textarea").send\_keys(  
 "aaabbbbccc")  
 browser.find\_element(By.XPATH,  
 "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[8]/div/input").send\_keys(  
 "xxxxx")  
 browser.find\_element(By.XPATH,  
 "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[9]/div/input").send\_keys(  
 "yyyyyy")  
 browser.find\_element(By.XPATH,  
 "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[1]/fieldset/ul/li[10]/div/div/input").send\_keys(  
 "123456790")  
 browser.find\_element(By.XPATH,  
 "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[1]/div[1]/div[2]/div[1]/div/input").send\_keys(  
 "gst105")  
 browser.find\_element(By.XPATH, "/html/body/div[1]/div[1]/div[2]/div/div[3]/div[1]/form/div[2]/input").click()  
 browser.close()  
  
  
ob1 = Test()

Output:



Python – Pytest (Unit testing)

from selenium import webdriver  
from selenium.webdriver.chrome.service import Service  
from selenium.webdriver.common.by import By  
import time  
import unittest  
  
  
class Test(unittest.TestCase):  
 browser = webdriver.Chrome \  
 (r"C:\\Users\\heman\\Desktop\\UST\_Workspace\\chromedriver.exe")  
  
 def setUp(self):  
 url = 'https://www.urbanladder.com/'  
 time.sleep(5)  
 self.browser.get(url)  
 time.sleep(2)  
 self.browser.maximize\_window()  
 time.sleep(2)  
  
 def test\_login(self):  
 self.browser.find\_element(By.XPATH, "//\*[@id='header']/div[1]/div/section[3]/ul/li[2]/span").click()  
 time.sleep(1)  
 self.browser.find\_element(By.LINK\_TEXT, "Log In").click()  
 time.sleep(5)  
 self.browser.find\_element(By.XPATH, "/html/body/div[6]/div/div[1]/div/div[2]/div[3]/form/div/input").send\_keys(  
 "abc1111@gmail.com")  
 time.sleep(2)  
 self.browser.find\_element(By.XPATH, "/html/body/div[6]/div/div[1]/div/div[2]/div[3]/form/div/div/div/input"). \  
 send\_keys("Fk#mM!wGS9jvx4Z")  
 self.browser.find\_element(By.ID, "ul\_site\_login").click()  
 print("Login successful")  
  
 def test\_Navigate\_module(self):  
 self.browser.find\_element(By.XPATH, "/html/body/div[1]/header/div[2]/div/nav/div/ul/li[2]/span").click()  
 time.sleep(5)  
 self.browser.find\_element(By.XPATH, "/html/body/div[1]/header/div[2]/div/nav/div/ul/li[2]/div/div/ul/li[1]/ul/li[1]/a/span").click();  
 time.sleep(2)  
 print("Navigated to Sofa set");  
  
 def test\_Sorting\_checkbox(self):  
 self.browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[2]/div/input").click()  
 time.sleep(10)  
 print("Checkboxing done")  
 time.sleep(6)  
  
 def test\_Sorting\_radiobutton(self):  
 self.browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[1]").click()  
 time.sleep(2)  
 self.browser.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[1]/div/div/ul/li[1]/div[2]/div/div/ul/li[2]/div[5]/label/input").click()  
 print("Radiobutton for prices selected")  
 time.sleep(1)  
  
 def tearDown(self):  
 time.sleep(4)  
 #self.browser.close()  
  
  
if \_\_name\_\_ == "\_\_main\_\_":  
 unittest.main()

Output:

