# SBA12 : python + SELENIUM

## Main.py

from selenium import webdriver  
import time  
  
from selenium import webdriver  
from selenium.webdriver import ActionChains  
from selenium.webdriver.chrome.service import Service  
from selenium.webdriver.common import actions  
from selenium.webdriver.common.by import By  
  
s = Service("D:\\font style\\chromedriver\_win32\_2\\chromedriver.exe")  
driver = webdriver.Chrome(service=s)  
driver.get("https://www.urbanladder.com/tv-units?src=g\_topnav\_storage\_living-storage\_tv-units")  
driver.maximize\_window()  
  
print(driver.title)  
  
# closing popup  
driver.implicitly\_wait(13)  
driver.find\_element(By.LINK\_TEXT, "Close").click()  
print("Closed pop-up")  
driver.implicitly\_wait(5)  
  
# checking checkbox  
checkbox = driver.find\_element(By.XPATH, "/html/body/div[2]/div[2]/div[3]/div[2]/div[1]/div/form/div[2]/div/label").click()  
driver.implicitly\_wait(13)  
print(driver.find\_element(By.ID, "filters\_availability\_In\_Stock\_Only").is\_selected())  
time.sleep(2)  
  
# checking radio button  
radio = driver.find\_elements(By.NAME, "price\_limit")  
act = ActionChains(driver)  
for i in radio:  
 act.move\_to\_element(driver.find\_element(By.XPATH, "//\*[@id=\"filters-form\"]/div[1]/div/div/ul/li[1]/div[1]")).perform()  
 print("Cursor hovered over to price")  
 driver.implicitly\_wait(10)  
 i.click()  
 print(i.get\_attribute("value")+" clicked")  
 time.sleep(2)  
  
# checking dropdown WebElement  
  
act = ActionChains(driver)  
dropdown = driver.find\_element(By.XPATH, "//\*[@id=\"content\"]/div[2]/div[1]/div/div/div/div/div[2]/div[1]")  
dropdownEl = driver.find\_elements(By.XPATH,  
 "//\*[@id=\"content\"]/div[2]/div[1]/div/div/div/div/div[2]/div[2]/div/div/ul/li")  
for i in dropdownEl:  
  
 act.move\_to\_element(dropdown).perform()  
 print("mouse hovered to " + dropdown.text)  
 i.click()  
 print("clicked " + i.text)  
time.sleep(5)  
  
# checking searchbox  
search = driver.find\_element(By.ID, "search").send\_keys("Astrid TV Unit")  
driver.implicitly\_wait(5)  
driver.find\_element(By.CLASS\_NAME, "icofont-cross").click()  
driver.find\_element(By.ID, "search\_button").click()  
print("Searched Astrid TV Unit")  
time.sleep(2)  
  
driver.close()

## **OUTPUT**

