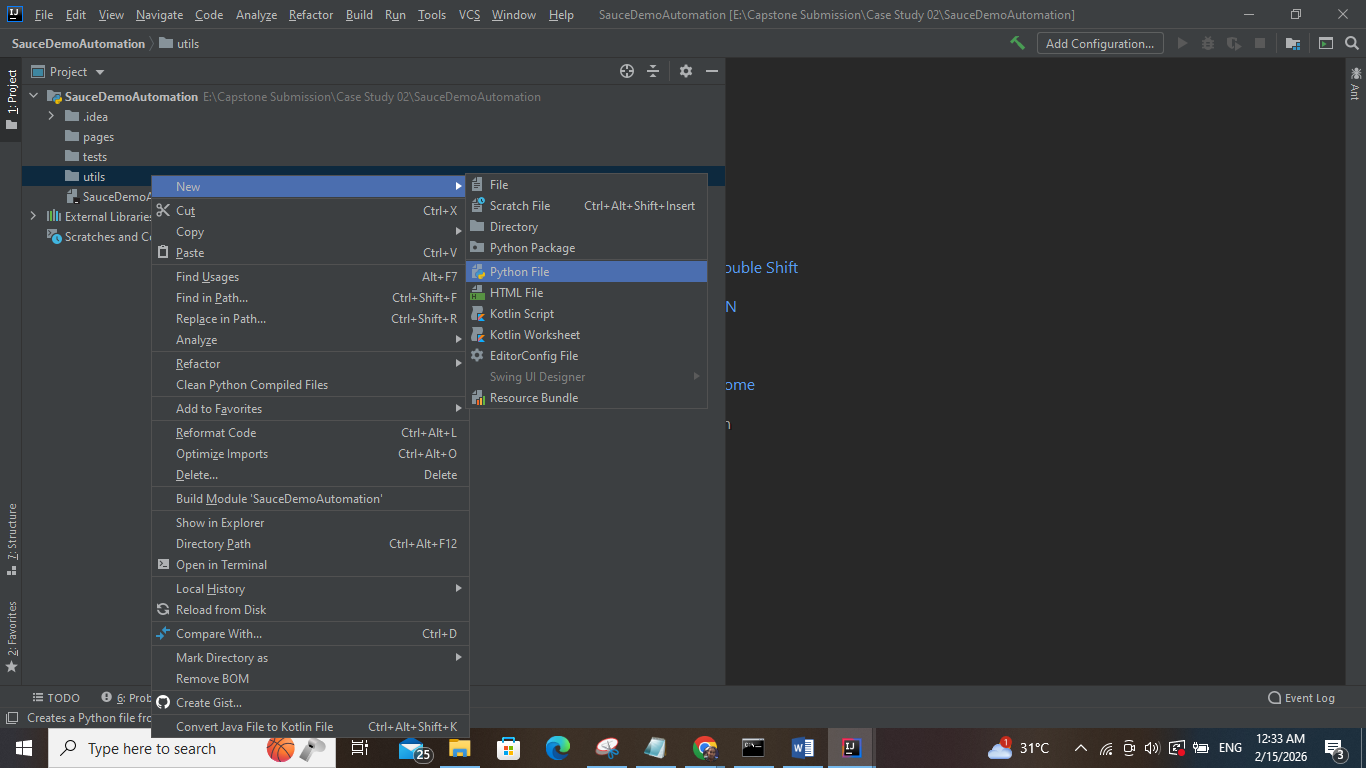
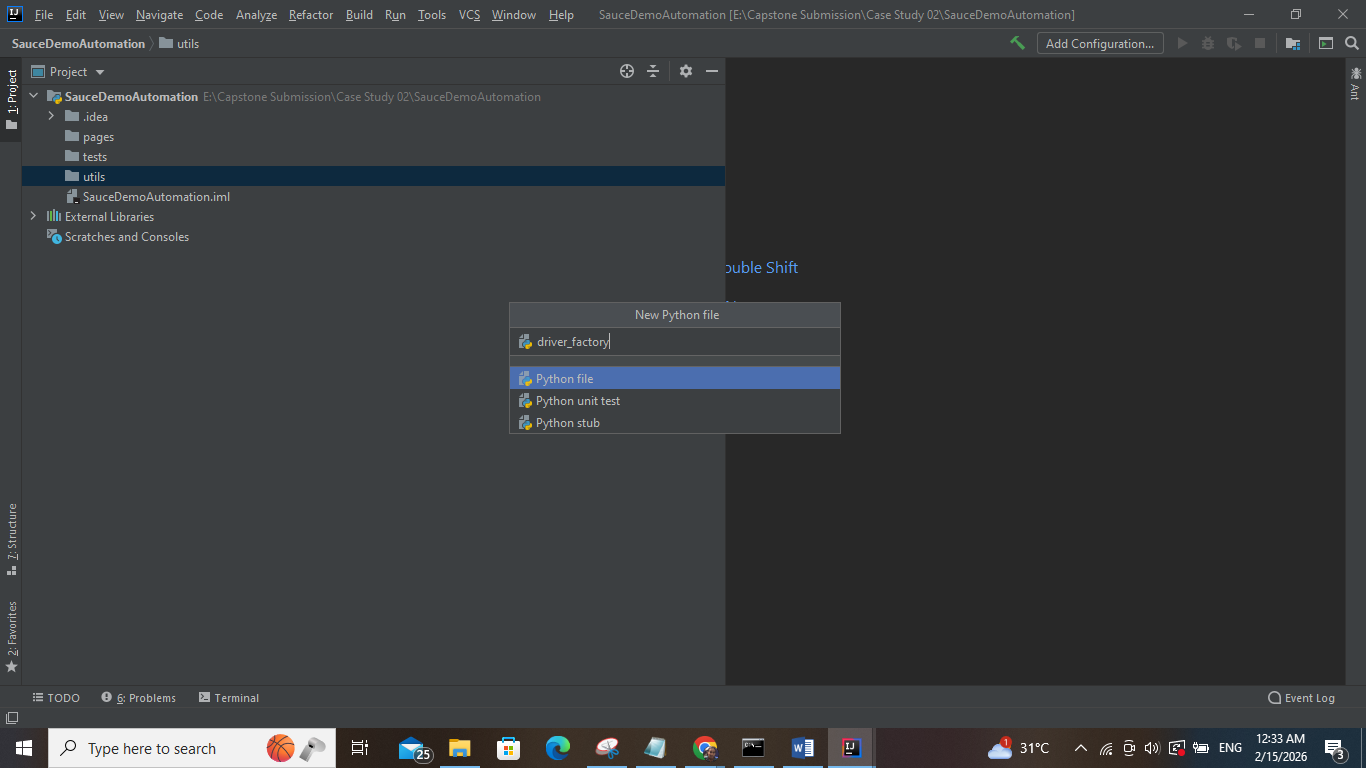
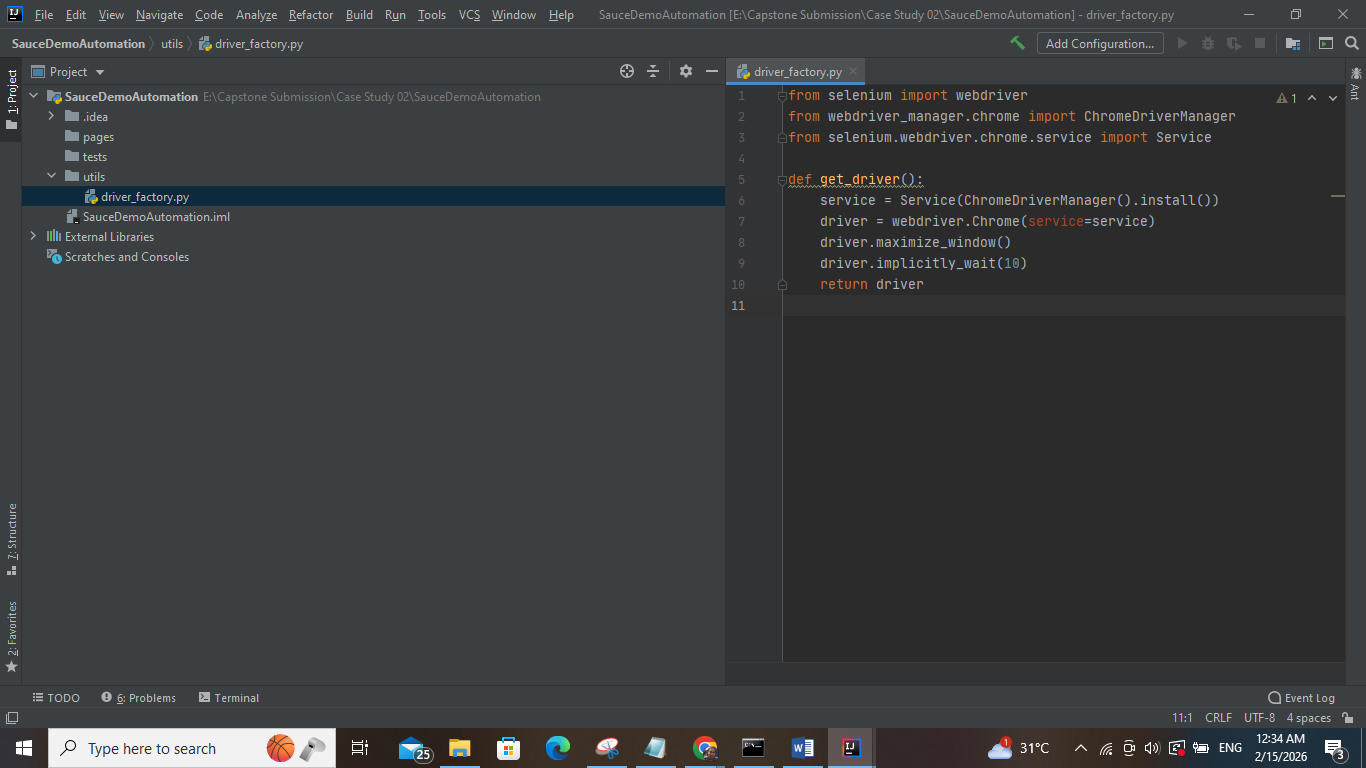


driver\_factory.py

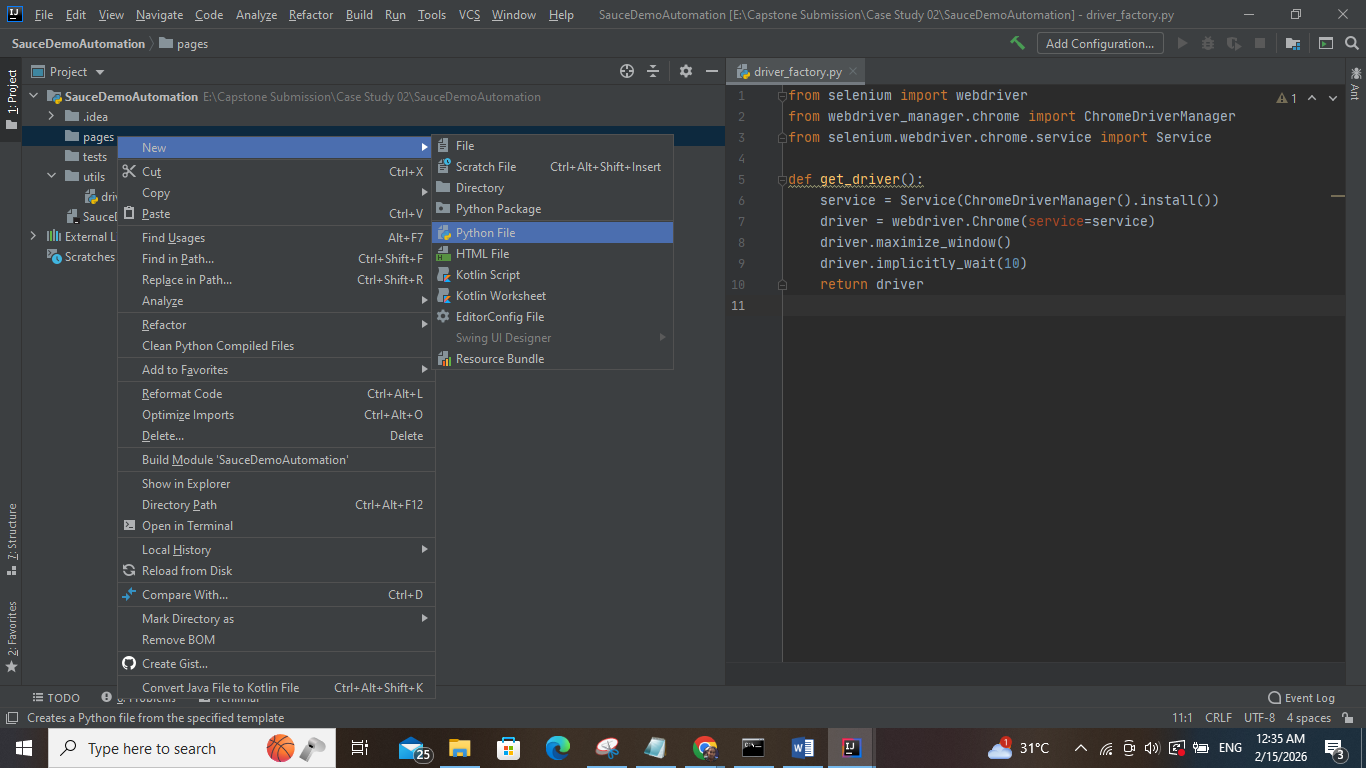


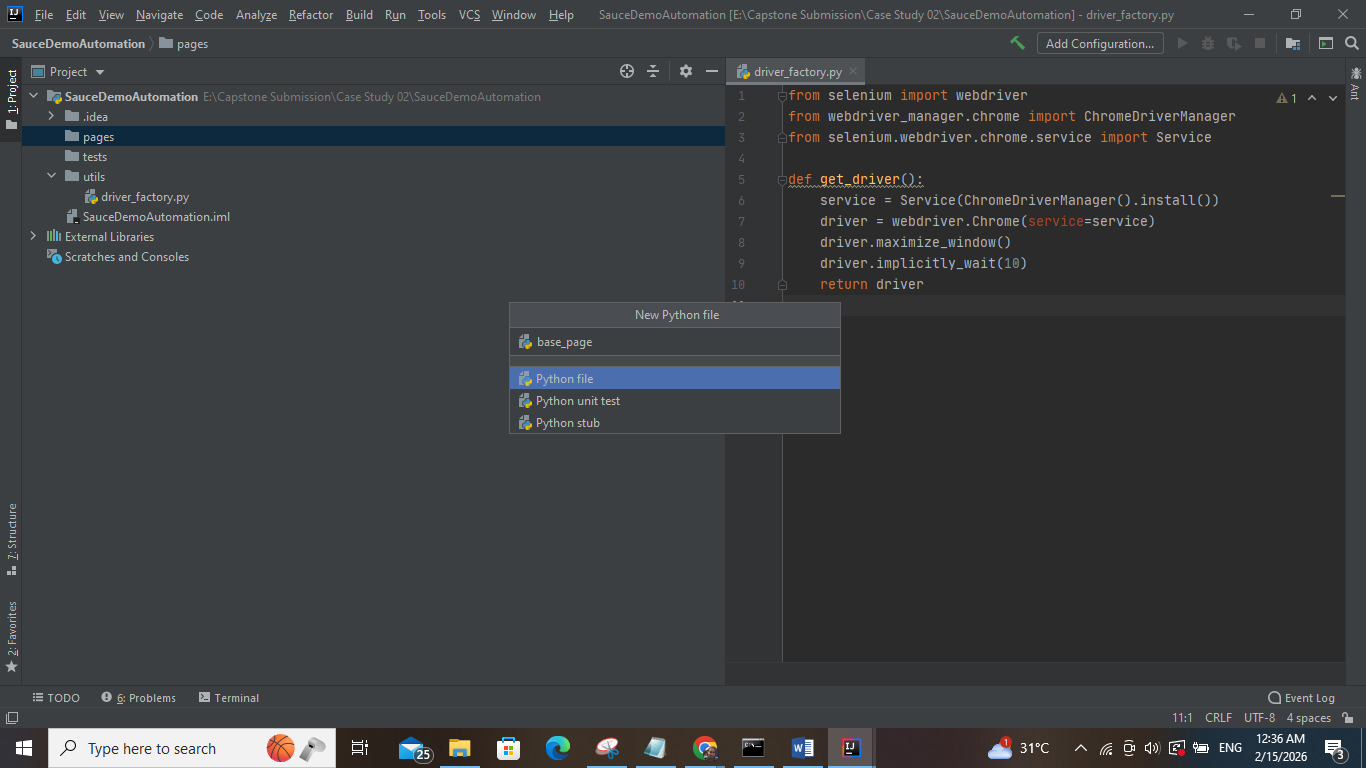


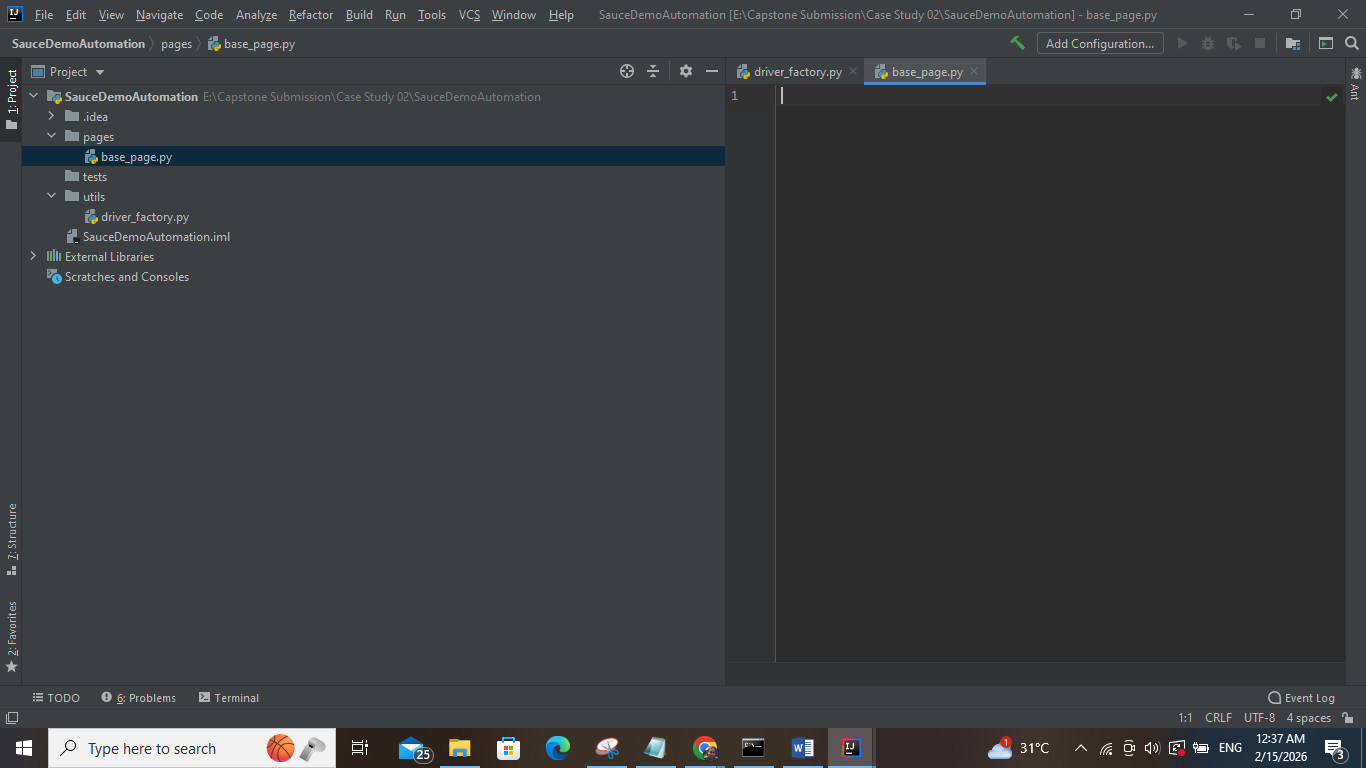


from selenium import webdriver  
from webdriver\_manager.chrome import ChromeDriverManager  
from selenium.webdriver.chrome.service import Service  
  
def get\_driver():  
 service = Service(ChromeDriverManager().install())  
 driver = webdriver.Chrome(service=service)  
 driver.maximize\_window()  
 driver.implicitly\_wait(10)  
 return driver

**base\_page.py**

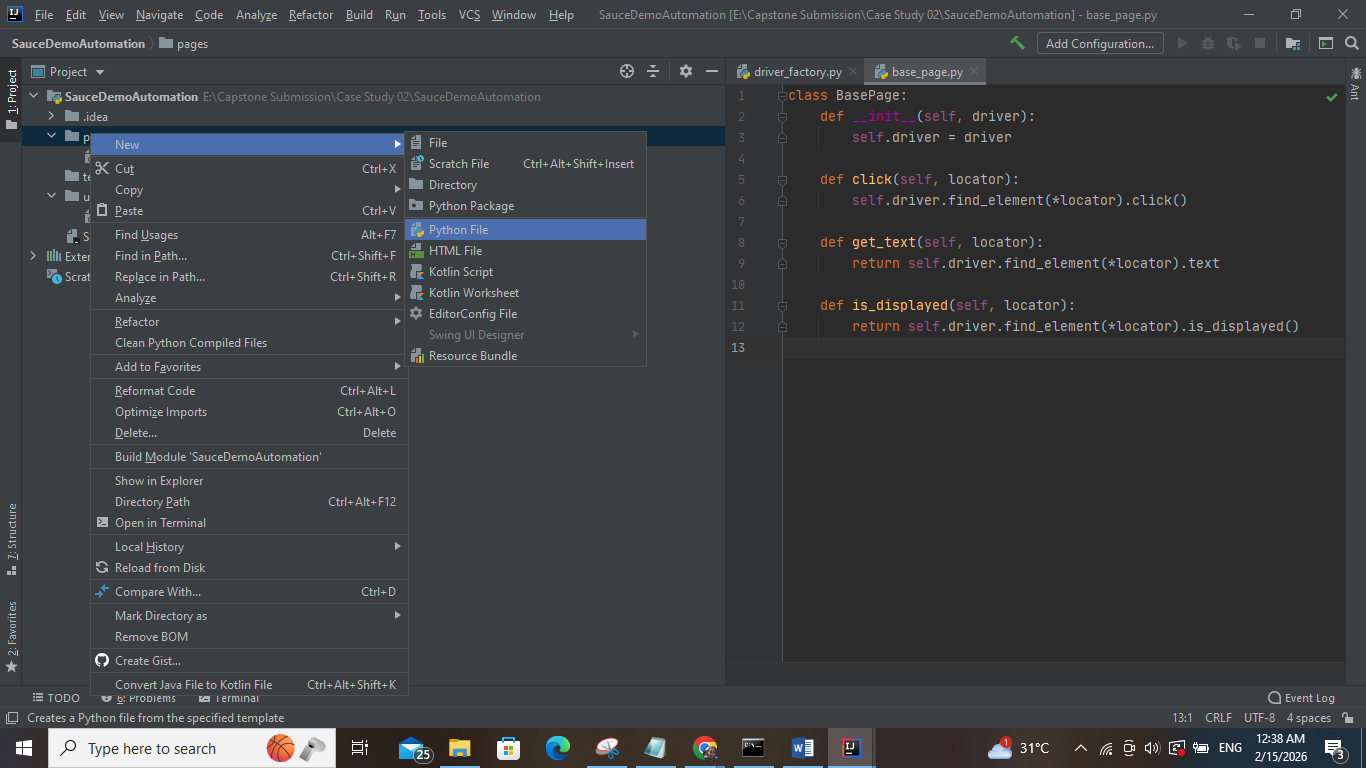


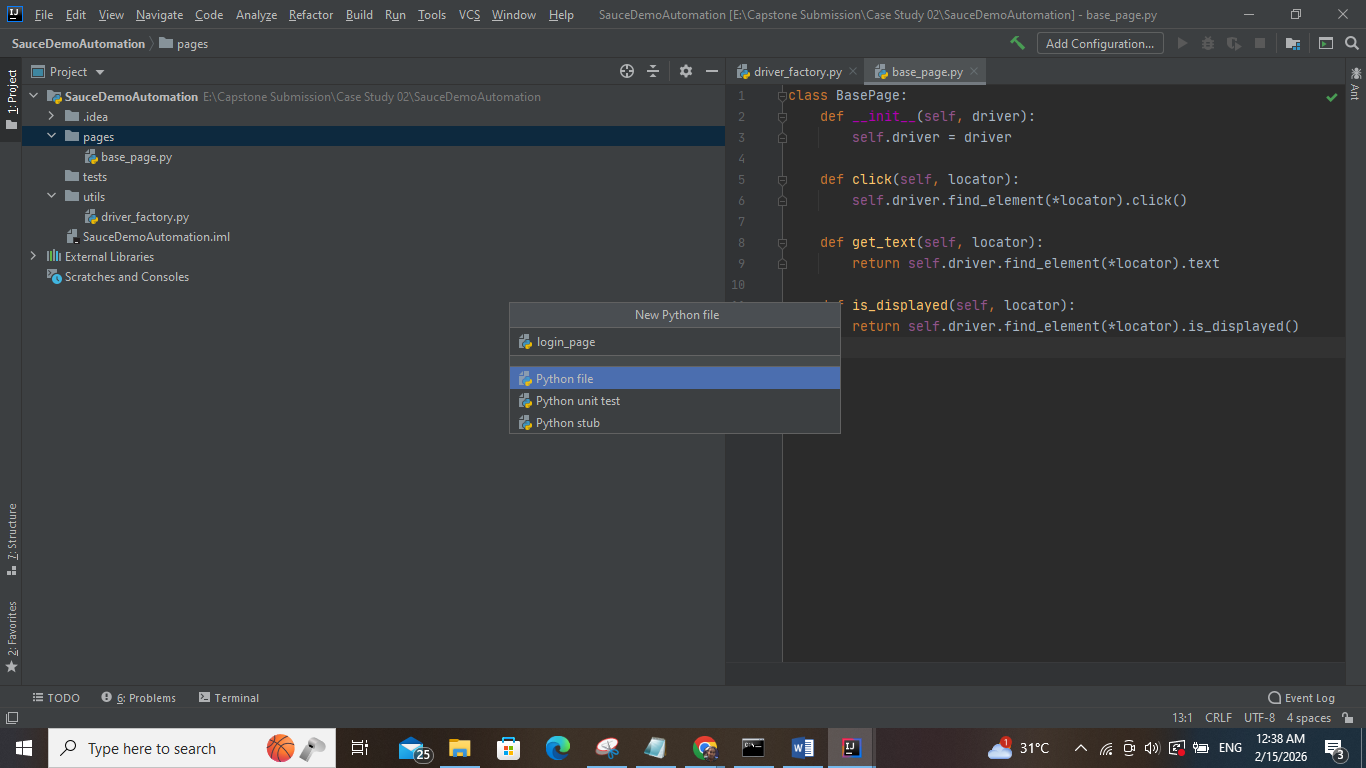


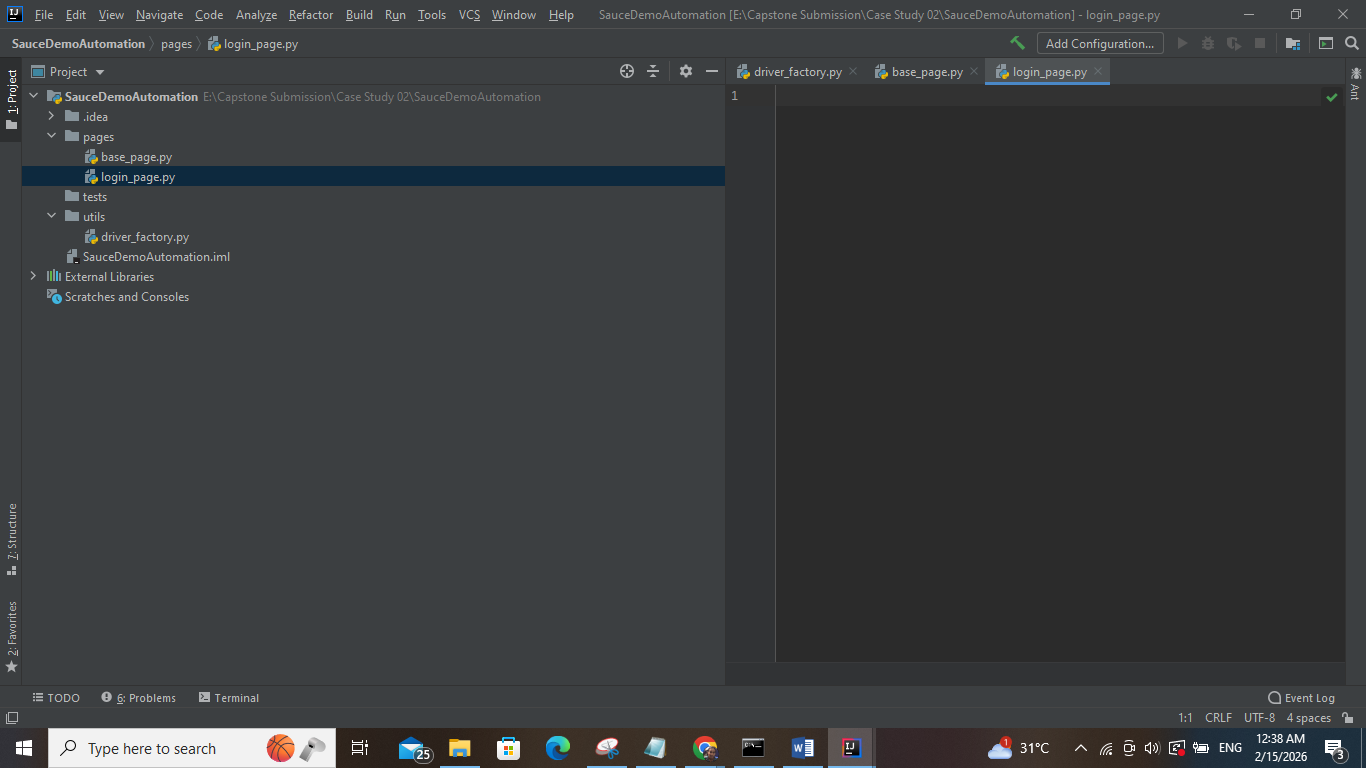


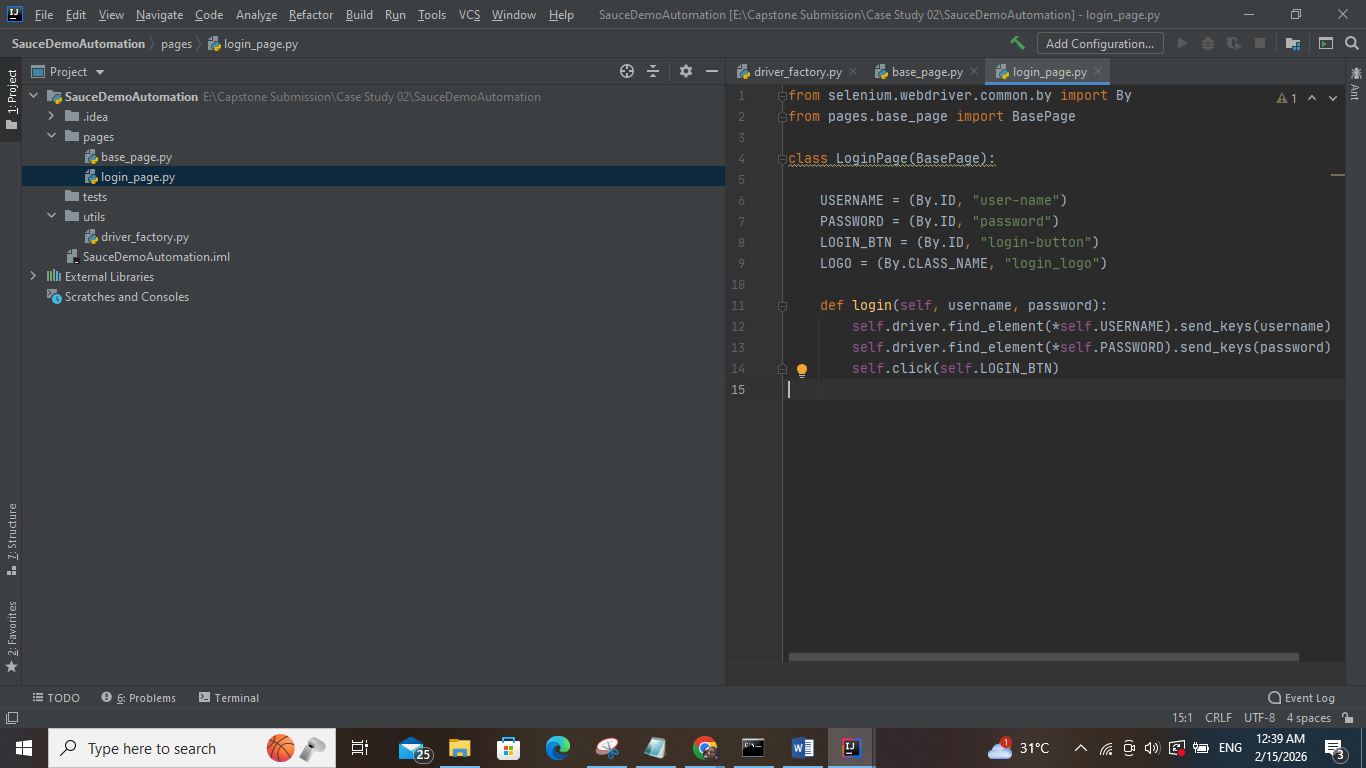
class BasePage:  
 def \_\_init\_\_(self, driver):  
 self.driver = driver  
  
 def click(self, locator):  
 self.driver.find\_element(\*locator).click()  
  
 def get\_text(self, locator):  
 return self.driver.find\_element(\*locator).text  
  
 def is\_displayed(self, locator):  
 return self.driver.find\_element(\*locator).is\_displayed()

### login\_page.py



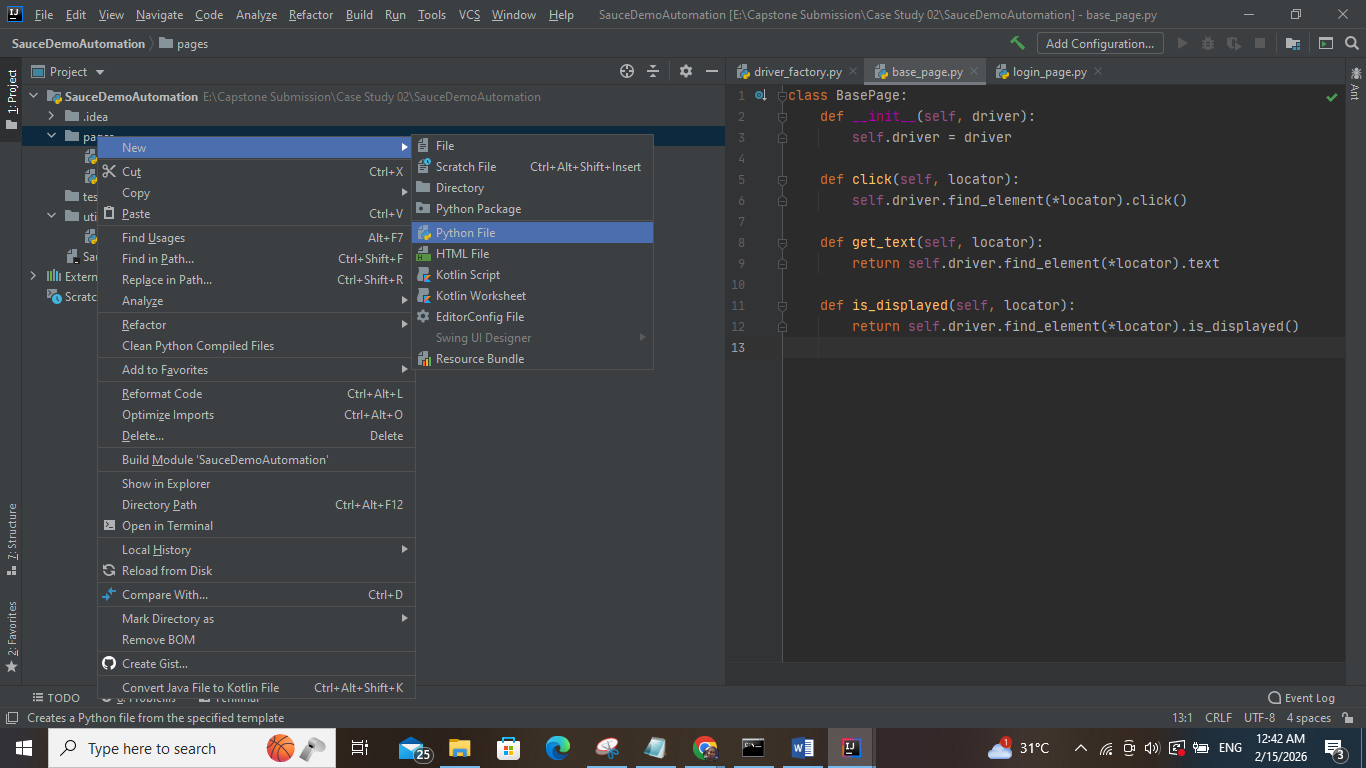


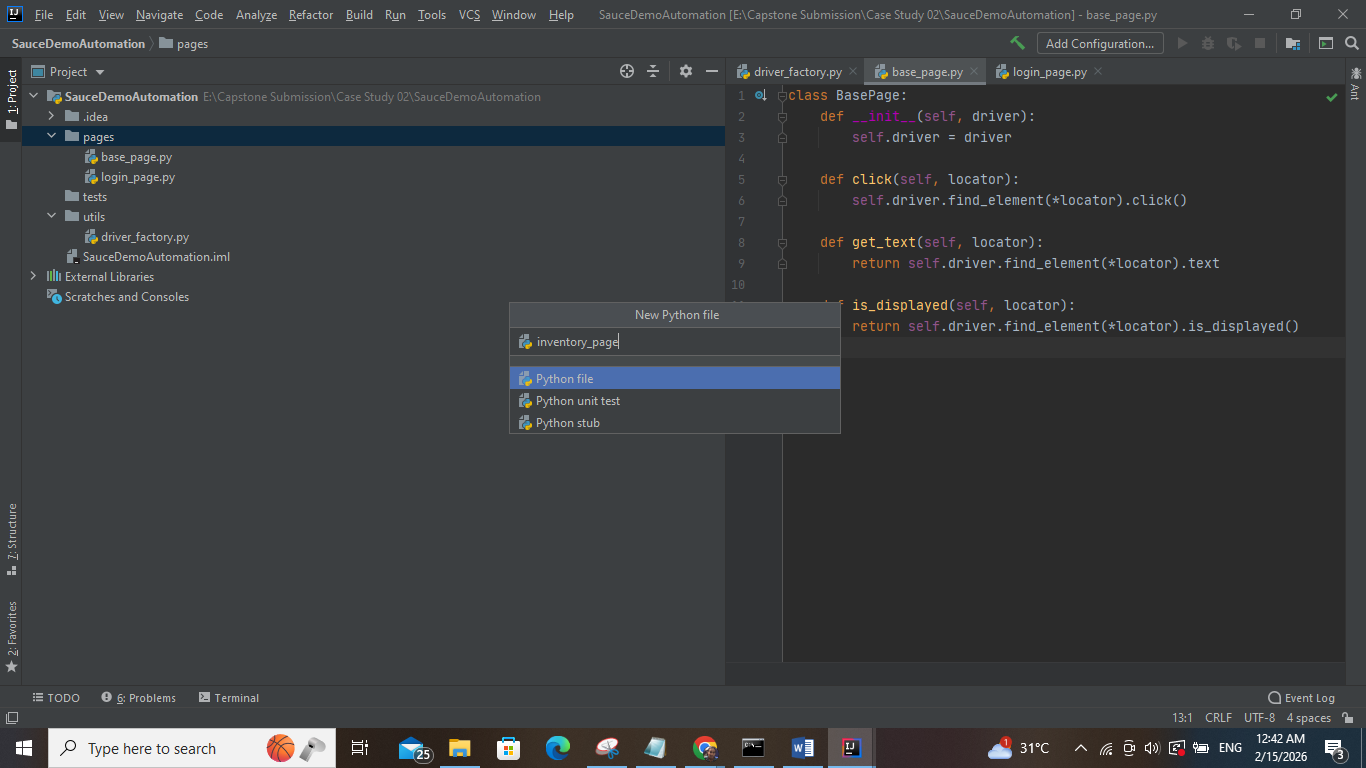


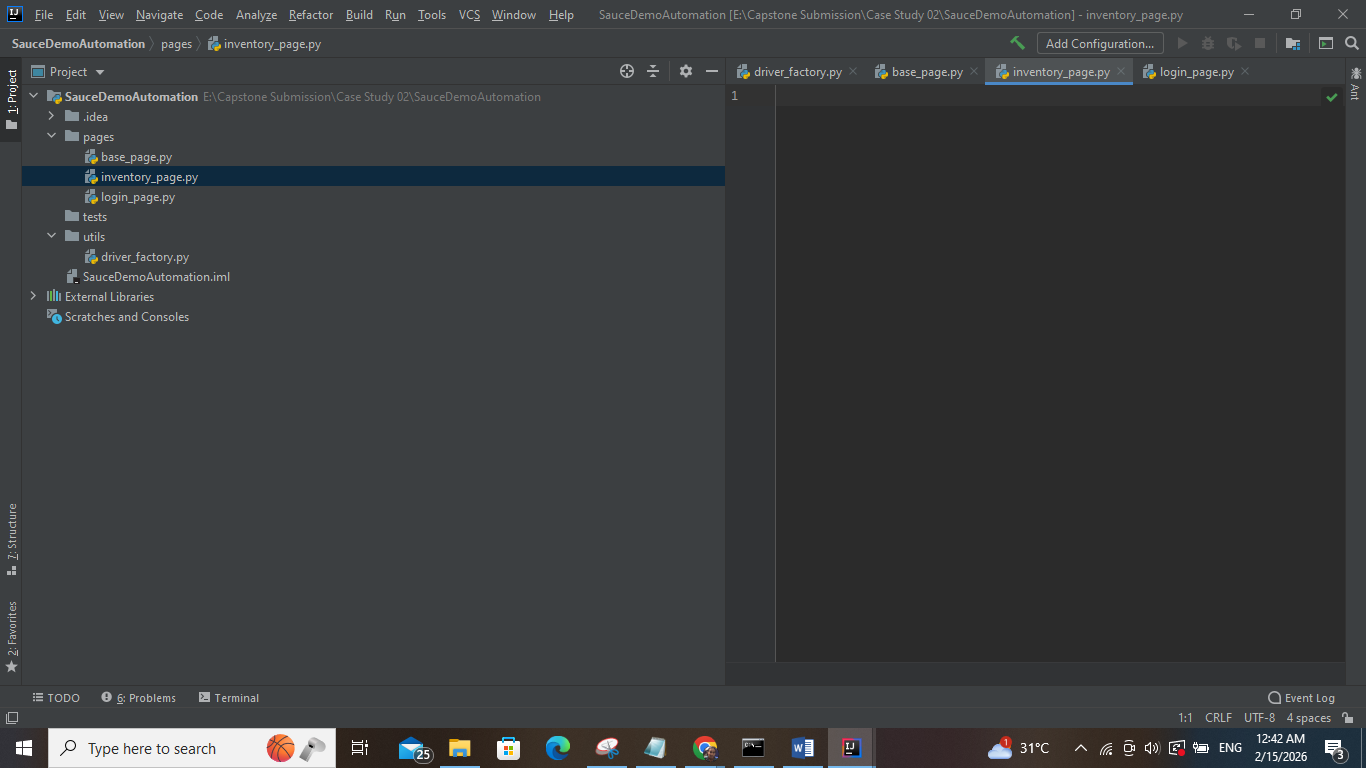


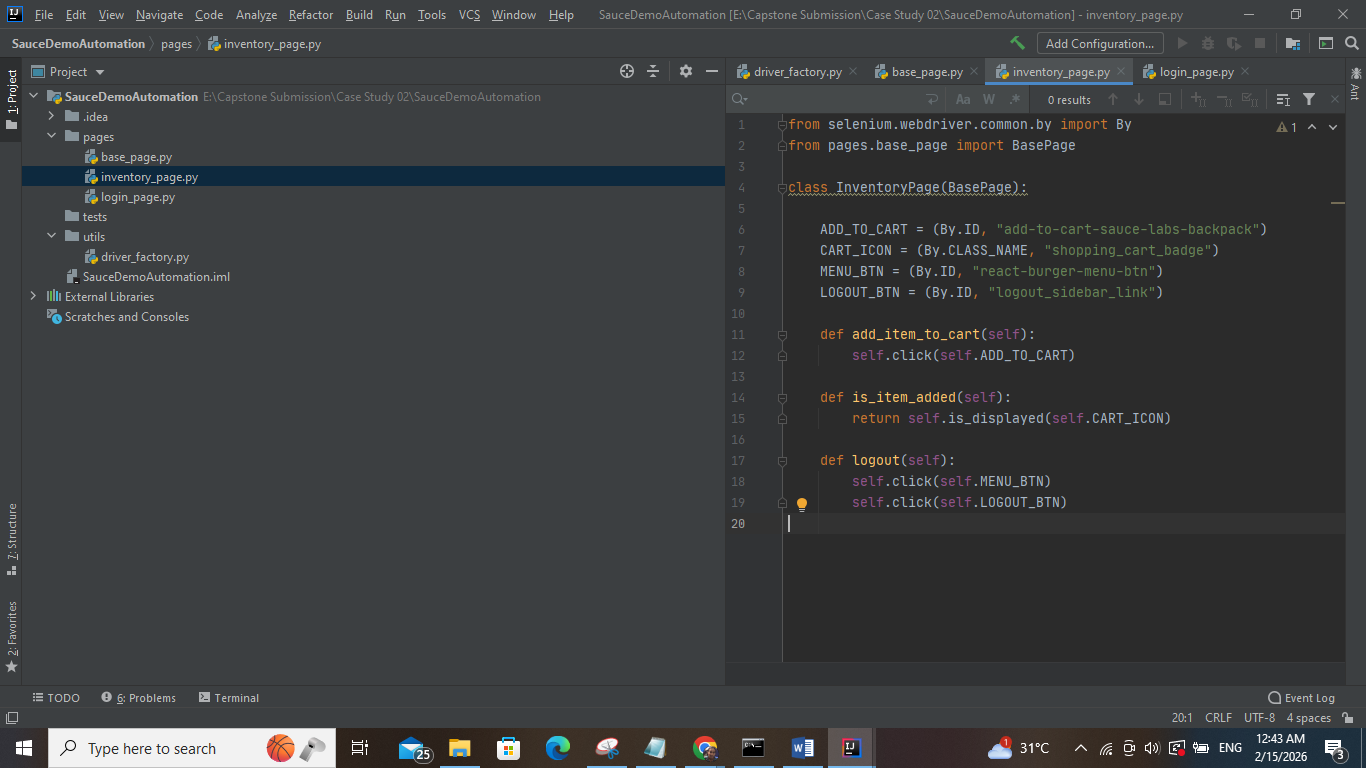
from selenium.webdriver.common.by import By  
from pages.base\_page import BasePage  
  
class LoginPage(BasePage):  
  
 USERNAME = (By.ID, "user-name")  
 PASSWORD = (By.ID, "password")  
 LOGIN\_BTN = (By.ID, "login-button")  
 LOGO = (By.CLASS\_NAME, "login\_logo")  
  
 def login(self, username, password):  
 self.driver.find\_element(\*self.USERNAME).send\_keys(username)  
 self.driver.find\_element(\*self.PASSWORD).send\_keys(password)  
 self.click(self.LOGIN\_BTN)

### inventory\_page.py



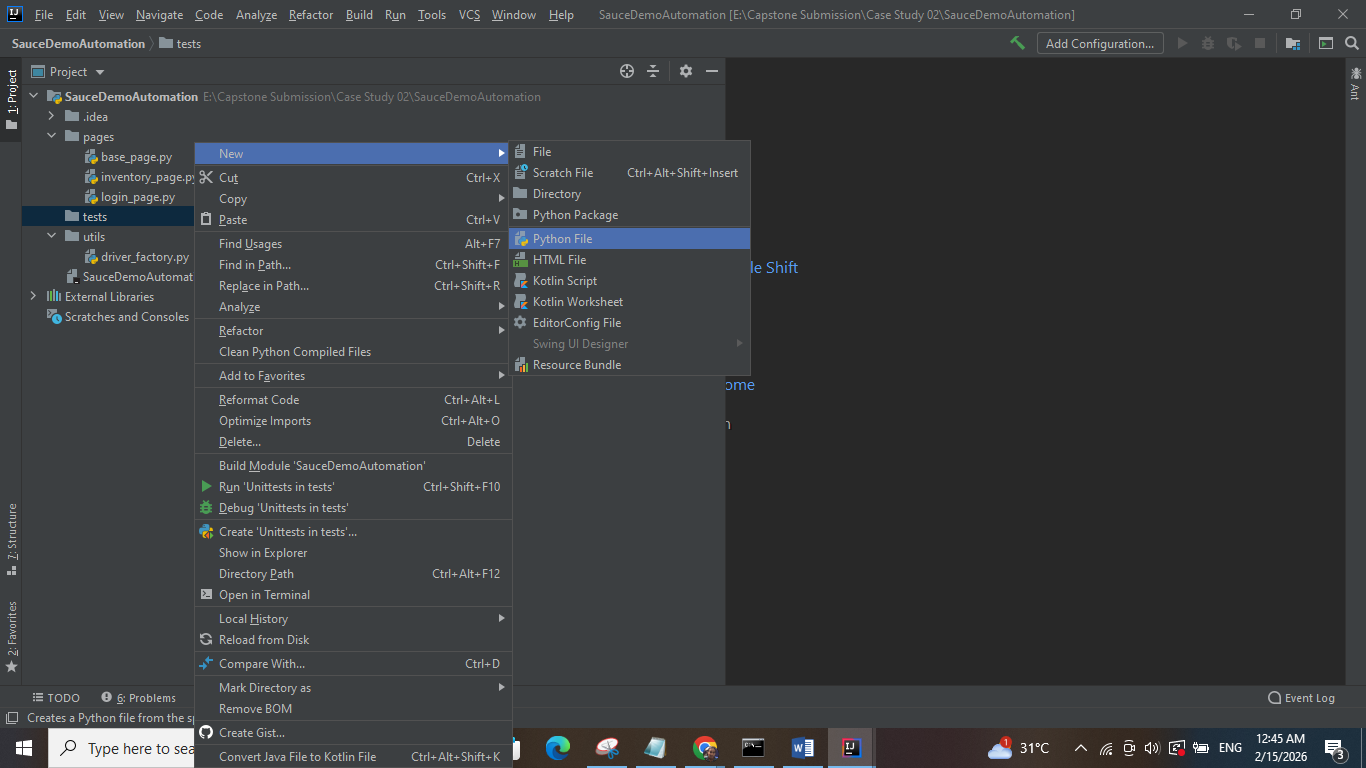


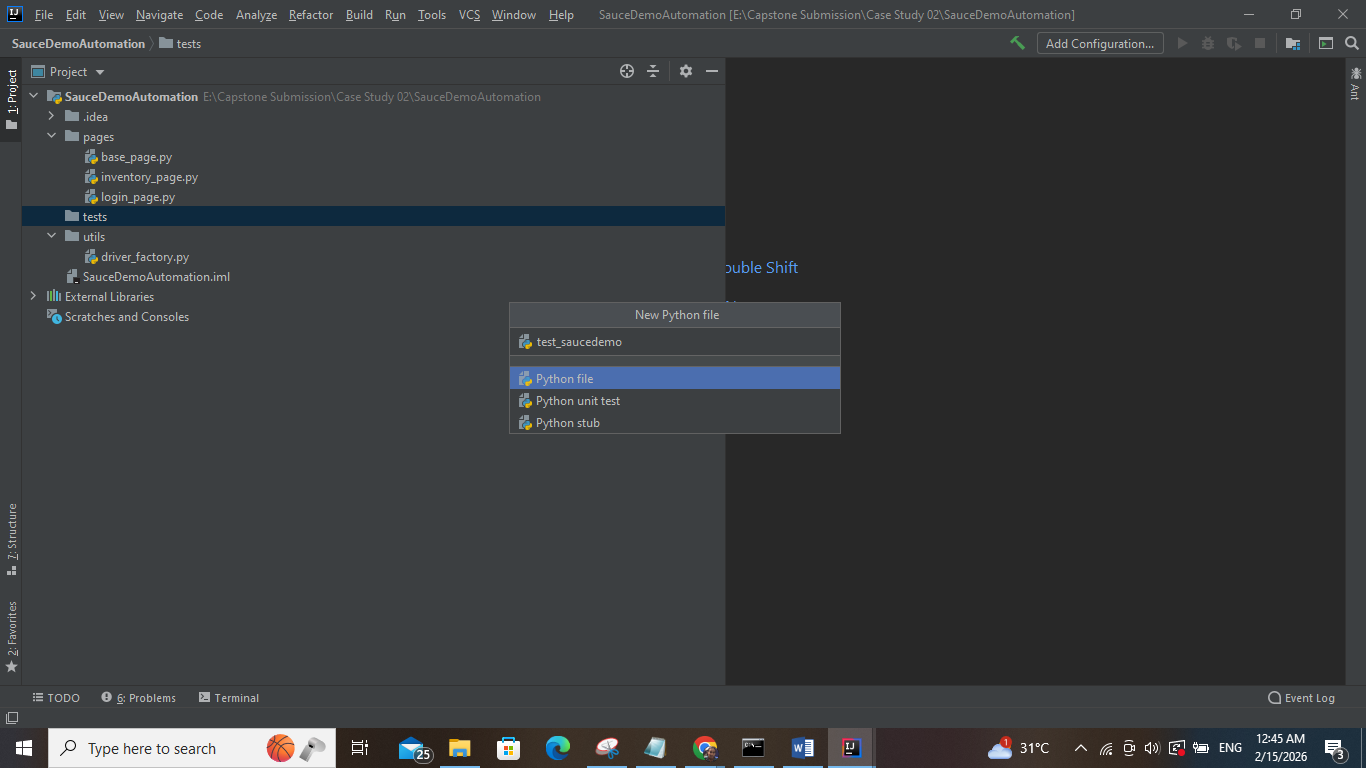


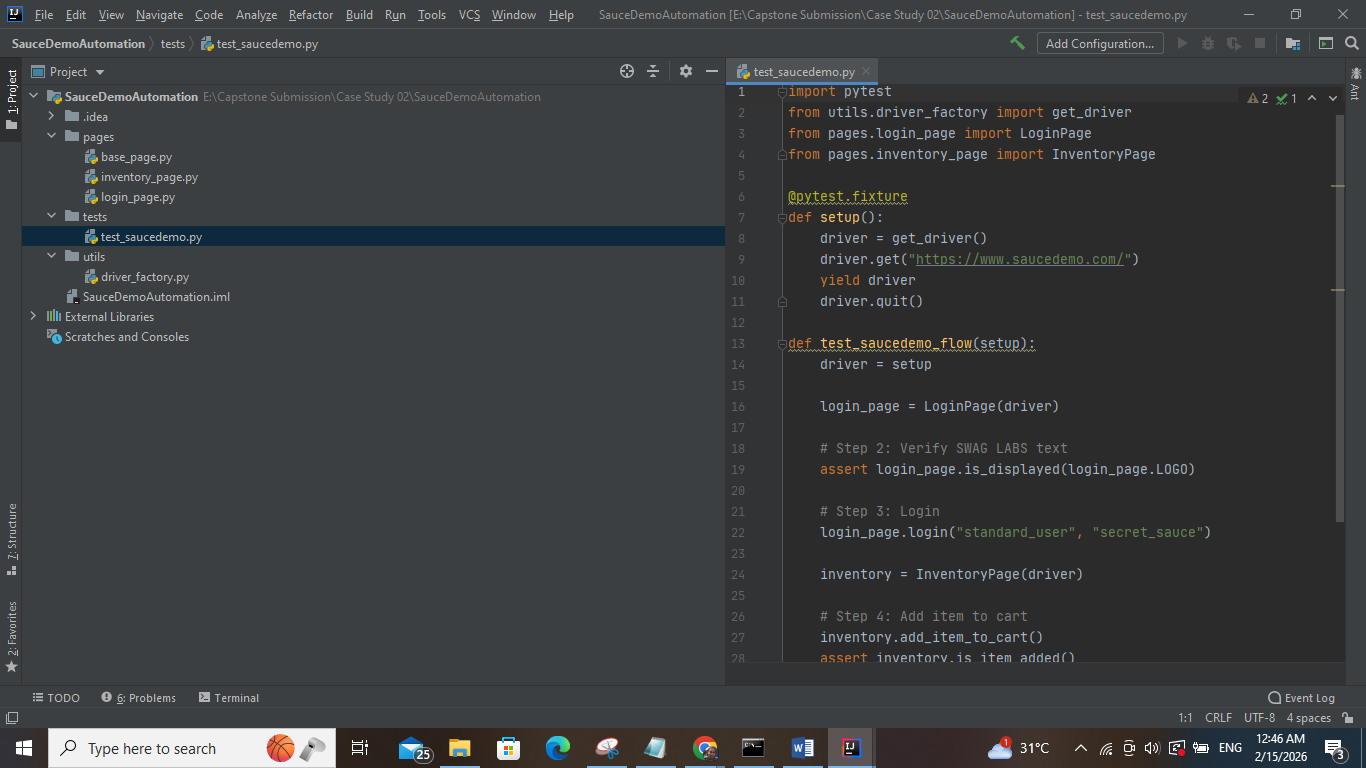


from selenium.webdriver.common.by import By  
from pages.base\_page import BasePage  
  
class InventoryPage(BasePage):  
  
 ADD\_TO\_CART = (By.ID, "add-to-cart-sauce-labs-backpack")  
 CART\_ICON = (By.CLASS\_NAME, "shopping\_cart\_badge")  
 MENU\_BTN = (By.ID, "react-burger-menu-btn")  
 LOGOUT\_BTN = (By.ID, "logout\_sidebar\_link")  
  
 def add\_item\_to\_cart(self):  
 self.click(self.ADD\_TO\_CART)  
  
 def is\_item\_added(self):  
 return self.is\_displayed(self.CART\_ICON)  
  
 def logout(self):  
 self.click(self.MENU\_BTN)  
 self.click(self.LOGOUT\_BTN)

### test\_saucedemo.py

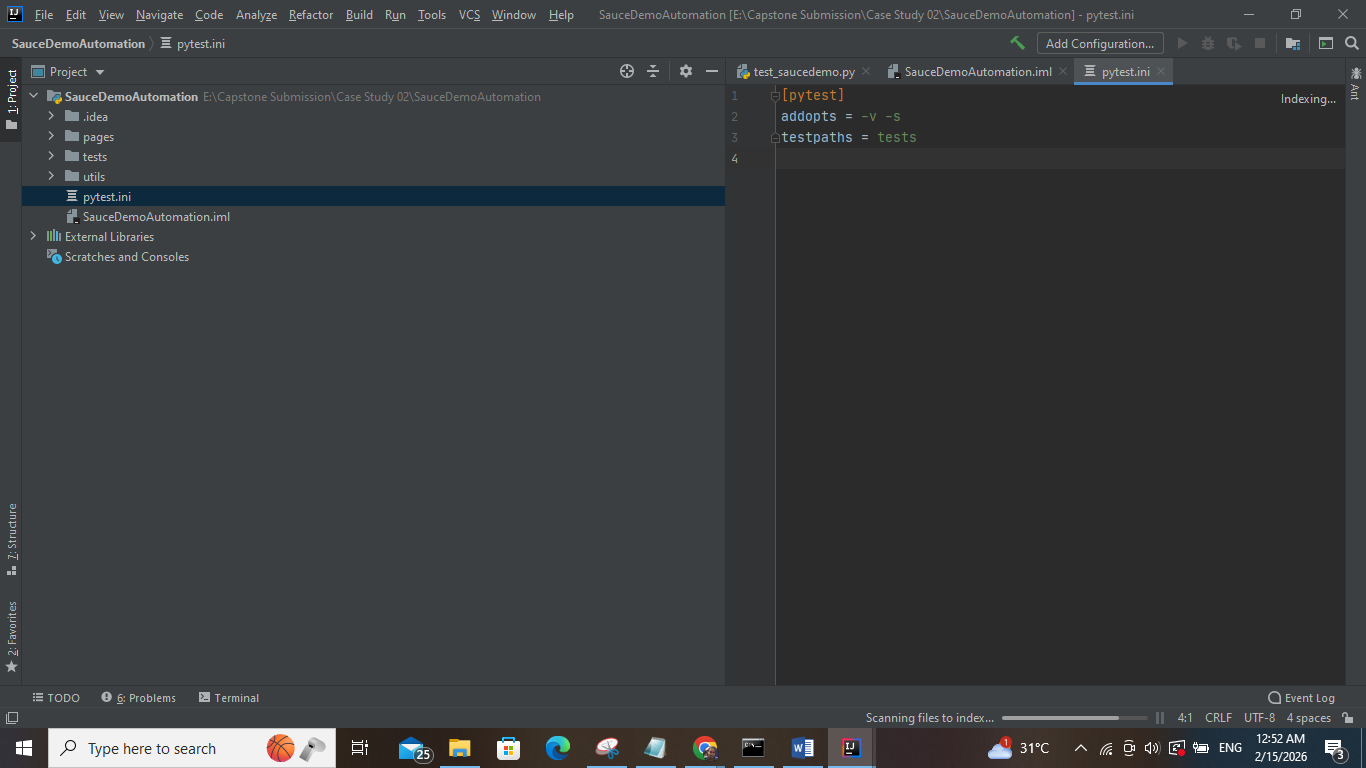


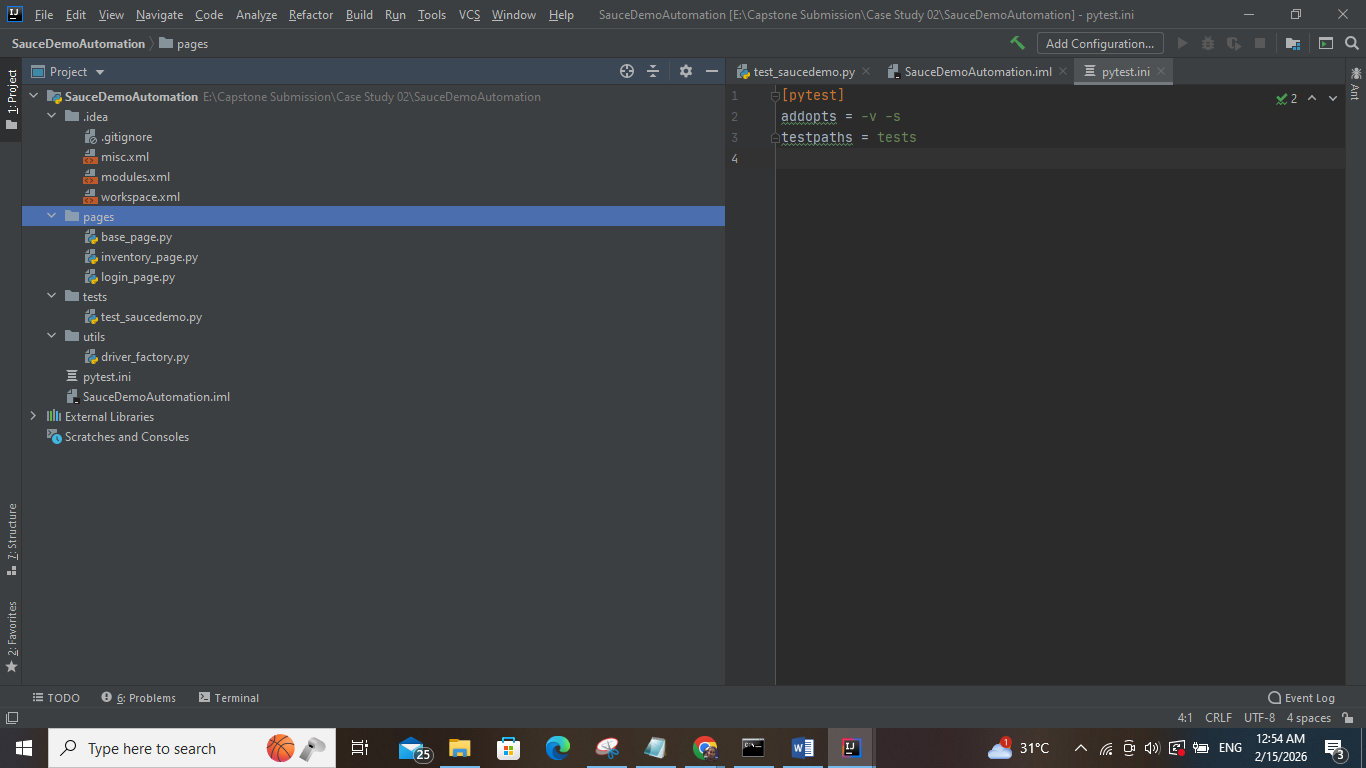




import pytest  
from utils.driver\_factory import get\_driver  
from pages.login\_page import LoginPage  
from pages.inventory\_page import InventoryPage  
  
@pytest.fixture  
def setup():  
 driver = get\_driver()  
 driver.get("https://www.saucedemo.com/")  
 yield driver  
 driver.quit()  
  
def test\_saucedemo\_flow(setup):  
 driver = setup  
  
 login\_page = LoginPage(driver)  
  
 # Step 2: Verify SWAG LABS text  
 assert login\_page.is\_displayed(login\_page.LOGO)  
  
 # Step 3: Login  
 login\_page.login("standard\_user", "secret\_sauce")  
  
 inventory = InventoryPage(driver)  
  
 # Step 4: Add item to cart  
 inventory.add\_item\_to\_cart()  
 assert inventory.is\_item\_added()  
  
 # Step 5: Logout  
 inventory.logout()

pytest.ini





RUN the project

