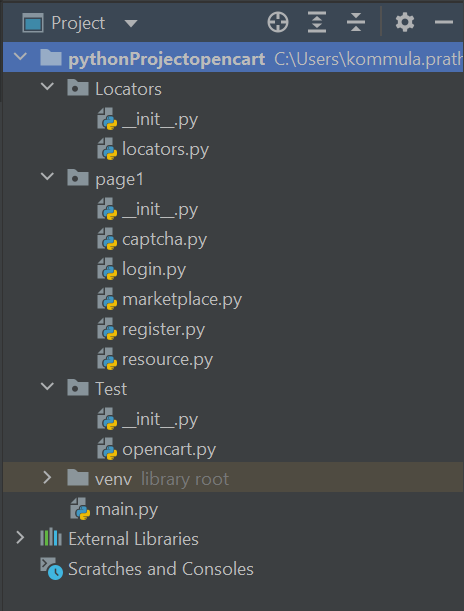
**OPENCART**



**Locators**

Locators.py

class Locators():  
 Register = "//\*[@id='navbar-collapse-header']/ul/li[8]"  
 username = "input-username"  
 firstname = "input-firstname"  
 lastname = "input-lastname"  
 email = "input-email"  
 Password = "input-password"  
 country = "input-country"  
 Email = "input-email"  
 password = "input-password"  
 recaptcha = "captcha-image"  
 login = "//\*[@id='account-login']/div[2]/div/div[1]/form/div[3]/div[1]/button[2]"  
 marketplace = "https://www.opencart.com/index.php?route=marketplace/extension"  
 resource ="//\*[@id='navbar-collapse-header']/ul/li[6]/a"  
 search = "filter\_search"  
 reason = "input-reason"  
 name ="input-name"  
 mail = "input-email"  
 msg = "input-enquiry"  
 captcha = "captcha-image"  
 send = "button-send"

**page1**

register.py

from Locators.locators import Locators  
class registerpage():  
 def \_\_init\_\_(self, driver):  
 self.driver = driver  
 self.Register = Locators.Register  
 self.firstname = Locators.firstname  
 self.lastname = Locators.lastname  
 self.country = Locators.country  
 self.email = Locators.email  
 self.Password = Locators.Password  
 self.username = Locators.username  
  
 def enterusername(self, username):  
 self.driver.find\_element\_by\_id(self.username).clear()  
 self.driver.find\_element\_by\_id(self.username).send\_keys(username)  
  
 def enterfirstname(self, firstname):  
 self.driver.find\_element\_by\_id(self.firstname).clear()  
 self.driver.find\_element\_by\_id(self.firstname).send\_keys(firstname)  
  
 def enterlastname(self, lastname):  
 self.driver.find\_element\_by\_id(self.lastname).clear()  
 self.driver.find\_element\_by\_id(self.lastname).send\_keys(lastname)  
 def clickRegister(self):  
 self.driver.find\_element\_by\_xpath(self.Register).click()  
  
 def selectcountry(self, country):  
 self.driver.find\_element\_by\_id(self.country).clear()  
 self.driver.find\_element\_by\_id(self.country).send\_keys(country)  
  
 def enterPassword(self, Password):  
 self.driver.find\_element\_by\_id(self.Password).clear()  
 self.driver.find\_element\_by\_id(self.Password).send\_keys(Password)  
 def enteremail(self, email):  
 self.driver.find\_element\_by\_id(self.email).clear()  
 self.driver.find\_element\_by\_id(self.email).send\_keys(email)

login.py

from Locators.locators import Locators  
class opencartpage():  
  
 def \_\_init\_\_(self,driver):  
 self.driver=driver  
 self.Email = Locators.Email  
 self.password = Locators.password  
 self.login = Locators.login  
 def enterEmail(self, Email):  
 self.driver.find\_element\_by\_id(self.Email).clear()  
 self.driver.find\_element\_by\_id(self.Email).send\_keys(Email)  
 def enterpassword(self, password):  
 self.driver.find\_element\_by\_id(self.password).clear()  
 self.driver.find\_element\_by\_id(self.password).send\_keys(password)  
 def clicklogin(self):  
 self.driver.find\_element\_by\_xpath(self.login).click()

marketplace.py

from Locators.locators import Locators  
class marketplacepage():  
  
 def \_\_init\_\_(self,driver):  
 self.driver=driver  
 self.marketplace = Locators.marketplace  
 self.search = Locators.search  
  
 def clickmarketplace(self):  
 self.driver.find\_element\_by\_xpath(self.marketplace).click()  
 def entersearch(self, search):  
 self.driver.find\_element\_by\_name(self.search).clear()  
 self.driver.find\_element\_by\_name(self.search).send\_keys(search)

resource.py

from Locators.locators import Locators  
class resourcepage():  
  
 def \_\_init\_\_(self,driver):  
 self.driver=driver  
 self.resource = Locators.resource  
 self.reason = Locators.reason  
 self.name = Locators.name  
 self.mail = Locators.mail  
 self.msg = Locators.msg  
 self.send = Locators.send  
  
 def clickresource(self):  
 self.driver.find\_element\_by\_xpath(self.resource).click()  
  
 def clickreason(self):  
 self.driver.find\_element\_by\_id(self.reason).click()  
  
 def selectreason(self, reason):  
 self.driver.find\_element\_by\_id(self.reason).clear()  
 self.driver.find\_element\_by\_id(self.reason).send\_keys(reason)  
  
 def entername(self, name):  
 self.driver.find\_element\_by\_id(self.name).clear()  
 self.driver.find\_element\_by\_id(self.name).send\_keys(name)  
  
 def entermail(self, mail):  
 self.driver.find\_element\_by\_id(self.mail).clear()  
 self.driver.find\_element\_by\_id(self.mail).send\_keys(mail)  
  
 def entermsg(self, msg):  
 self.driver.find\_element\_by\_id(self.msg).clear()  
 self.driver.find\_element\_by\_id(self.msg).send\_keys(msg)  
  
 def clicksend(self, send):  
 self.driver.find\_element\_by\_id(self.send).click()

captcha.py

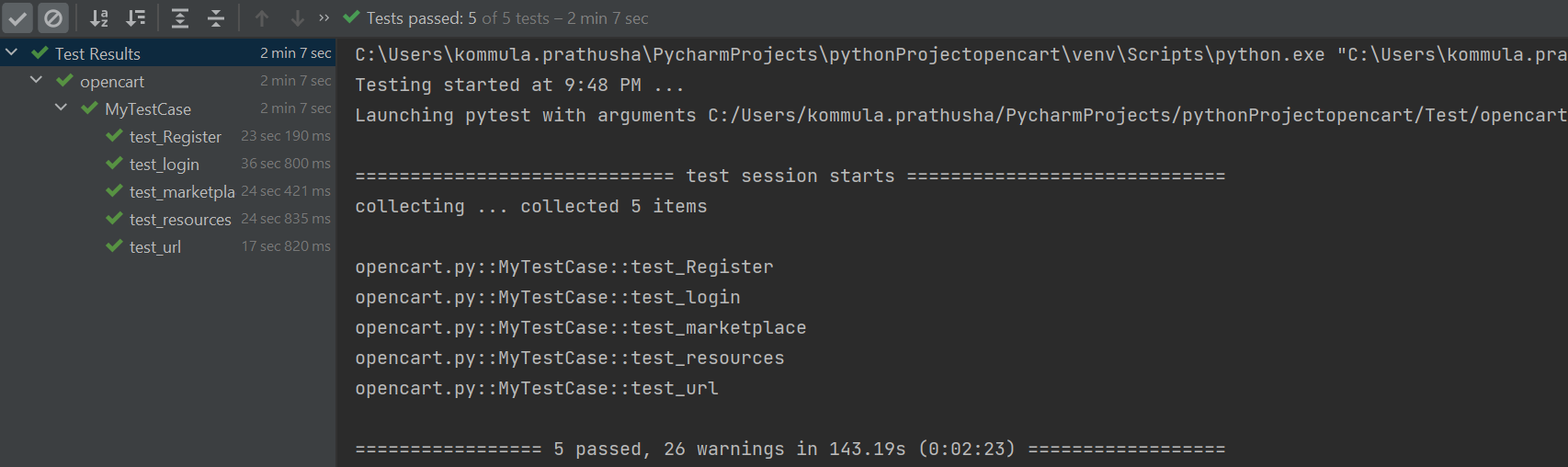
from Locators.locators import Locators  
class captchapage():  
  
 def \_\_init\_\_(self,driver):  
 self.driver=driver  
 self.recaptcha = Locators.recaptcha  
 self.captcha = Locators.captcha  
 def clickcaptcha(self, captcha):  
 self.driver.find\_element\_by\_id(self.captcha).click()  
  
 def clickrecaptcha(self, send):  
 self.driver.find\_element\_by\_id(self.recaptcha).click()

**Test**

Opencart.py

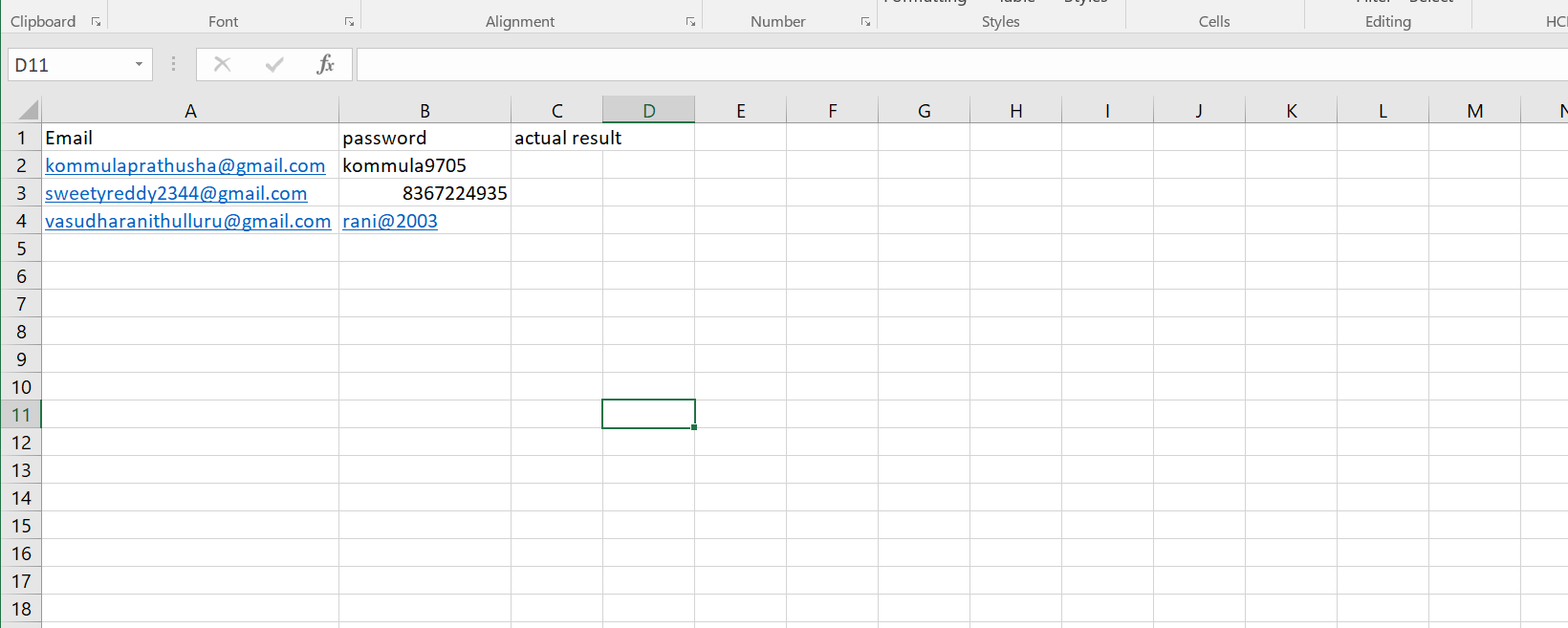
import unittest  
from select import select  
  
import openpyxl  
from selenium import webdriver  
from page1.login import opencartpage  
from page1.register import registerpage  
from page1.marketplace import marketplacepage  
from page1.resource import resourcepage  
from page1.captcha import captchapage  
from selenium.webdriver.common.by import By  
from selenium.webdriver.common.keys import Keys  
from selenium.webdriver.support.ui import WebDriverWait  
from selenium.webdriver.support import expected\_conditions as EC  
from selenium.webdriver.support.select import Select  
from selenium.webdriver.support.ui import Select  
from openpyxl import load\_workbook  
  
  
class MyTestCase(unittest.TestCase):  
  
 def setUp(self):  
 self.driver = webdriver.Edge(executable\_path="C:\driver\edgedriver\_win64\msedgedriver.exe")  
 self.driver.get("https://www.opencart.com/index.php?route=cms/demo")  
 self.driver.maximize\_window()  
  
 def test\_url(self):  
 opencart = opencartpage(self.driver)  
 expectedResult = ("https://www.opencart.com/index.php?route=cms/demo")  
 actual = self.driver.current\_url  
 # Comparing the actual and expected  
 self.assertEqual(expectedResult, actual)  
  
 def test\_Register(self):  
 opencart = opencartpage(self.driver)  
 self.driver.implicitly\_wait(15)  
 self.driver.get("https://www.opencart.com/index.php?route=account/register")  
 self.driver.find\_element\_by\_id("input-username").send\_keys("kommulaprathusha")  
 self.driver.find\_element\_by\_id("input-firstname").send\_keys("kommula")  
 self.driver.find\_element\_by\_id("input-lastname").send\_keys("prathusha")  
 self.driver.find\_element\_by\_id("input-email").send\_keys("kommulaprathusha@gmail.com")  
 country = Select(self.driver.find\_element\_by\_id("input-country"))  
 country.select\_by\_visible\_text("India")  
 self.driver.find\_element\_by\_id("input-password").send\_keys("1234")  
 self.driver.find\_element\_by\_id("captcha-image").click()  
  
 def test\_login(self):  
 opencart = opencartpage(self.driver)  
 self.driver.get("https://www.opencart.com/index.php?route=account/login")  
 opencart.enterEmail("kommulaprathusha@gmail.com")  
 opencart.enterpassword("1234")  
 btn= self.driver.find\_element\_by\_xpath("//button[@class='btn btn-primary btn-lg btn-block visible-xs-block']")  
 self.driver.execute\_script("arguments[0].click();", btn)  
 def test\_marketplace(self):  
 opencart = opencartpage(self.driver)  
 self.driver.get("https://www.opencart.com/index.php?route=marketplace/extension")  
 self.driver.find\_element\_by\_name("filter\_search").send\_keys("mobile")  
 def test\_resources(self):  
 opencart = opencartpage(self.driver)  
 drop = self.driver.find\_element\_by\_xpath("//\*[@id='navbar-collapse-header']/ul/li[6]/a").click()  
 self.driver.get("https://www.opencart.com/index.php?route=support/contact")  
 reason = Select(self.driver.find\_element\_by\_id("input-reason"))  
 reason.select\_by\_visible\_text("I would like to report an account issue")  
 self.driver.find\_element\_by\_id("input-name").send\_keys("kommulaprathusha")  
 self.driver.find\_element\_by\_id("input-email").send\_keys("kommulaprathusha@gmail.com")  
 self.driver.find\_element\_by\_id("input-enquiry").send\_keys("unable to login")  
 self.driver.find\_element\_by\_id("captcha-image").click()  
 self.driver.find\_element\_by\_id("button-send").click()  
  
  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 unittest.main()

**Output**



**Excel**

def test\_excel(self):  
 path ="C:\File\\demoopencart.xlsx"  
 wb\_obj = openpyxl.load\_workbook(path)  
 sheet = wb\_obj.active  
 driver = webdriver.Edge(executable\_path="C:\driver\edgedriver\_win64\msedgedriver.exe")  
 driver.get("https://www.opencart.com/index.php?route=account/login")  
 rowcount = sheet.max\_row  
 for i in range(2, rowcount + 1):  
 uname = driver.find\_element\_by\_id("input-email")  
 uname.clear()  
  
 u\_data = sheet.cell(row=i, column=1).value  
 pwd\_data = sheet.cell(row=i, column=2).value  
 uname.send\_keys(u\_data)  
  
 pwd = driver.find\_element\_by\_id("input-password")  
 pwd.clear()  
 pwd.send\_keys(pwd\_data)  
 btn = self.driver.find\_element\_by\_xpath(  
 "//button[@class='btn btn-primary btn-lg btn-block visible-xs-block']")  
 self.driver.execute\_script("arguments[0].click();", btn)  
  
 expectedResult = "https://www.opencart.com/index.php?route=account/login"  
 actual = driver.current\_url  
 sheet.cell(row=i, column=3).value = actual  
 wb\_obj.save(path)  
  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 unittest.main()



**Html report**

