Faculty of Engineering
Ain Shams University

REPORT LAB (4)

NAME	ID	EMAIL
Iennat – Allah Ashraf Fouad Fetouh	**17p30**	mennatallaashraf@gmail.co

Submitted to:

Dr. Islam El-Maddah
Eng. Adham Nour

Problem:

Using Selenium, test the following form Formy (formy-project.herokuapp.com)

Please address the following fields in the form:

1. First Name
2. Laste Name
3. Job Title
4. **Highest level of education**

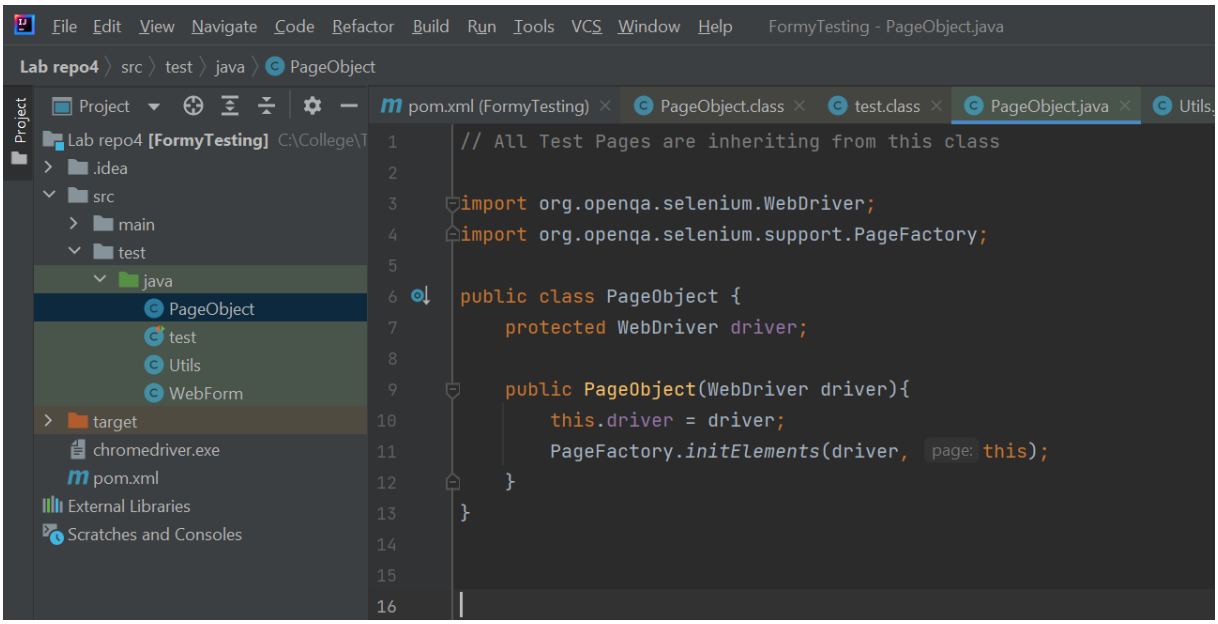
And then submit the form

Solution:

1- The main code:

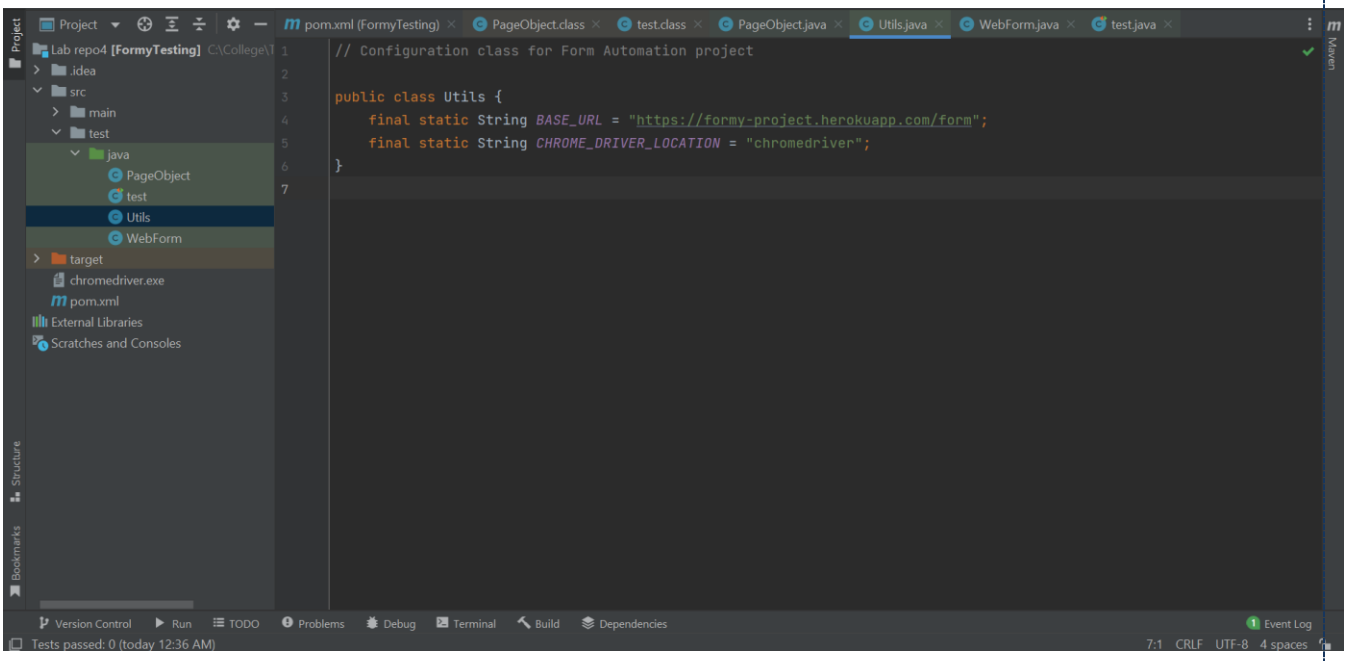
Class 1: PageObject.java

```
// All Test Pages are inheriting from this class

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.support.PageFactory;

public class PageObject {
    protected WebDriver driver;

    public PageObject(WebDriver driver){
        this.driver = driver;
        PageFactory.initElements(driver, this);
    }
}
```



Class 2: Utils.java

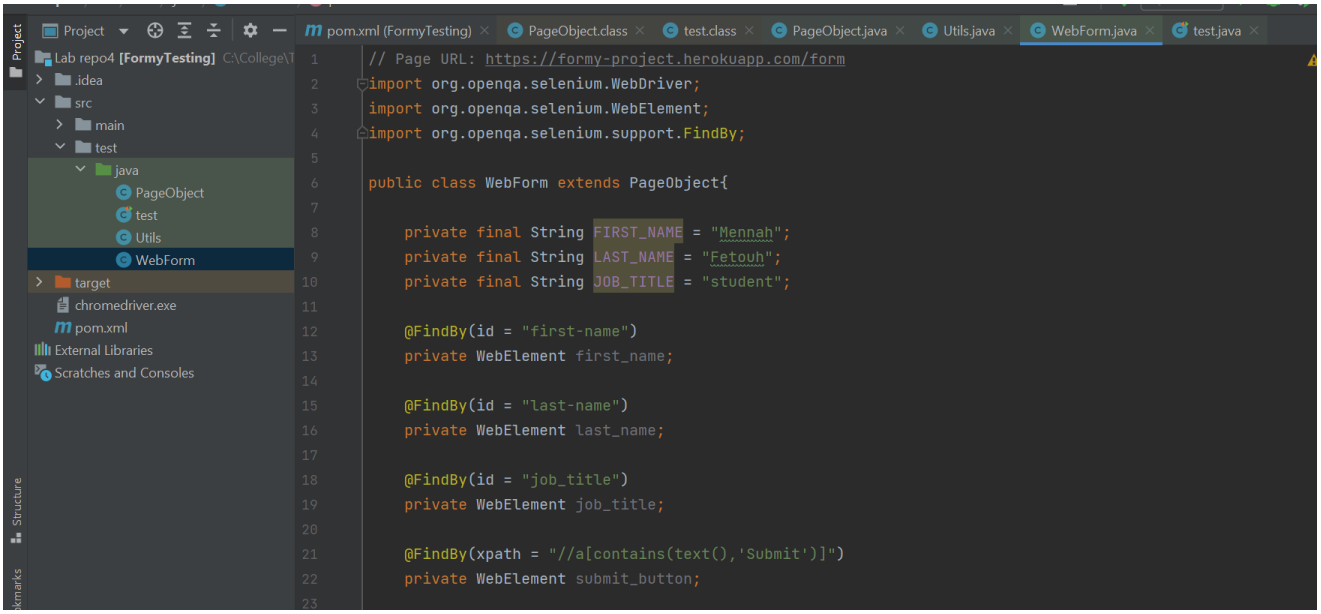
```
// Configuration class for Form Automation project

public class Utils {
    final static String BASE_URL = "https://formy-project.herokuapp.com/form";
    final static String CHROME_DRIVER_LOCATION = "chromedriver";
}
```



Class 3 : WebForm.java

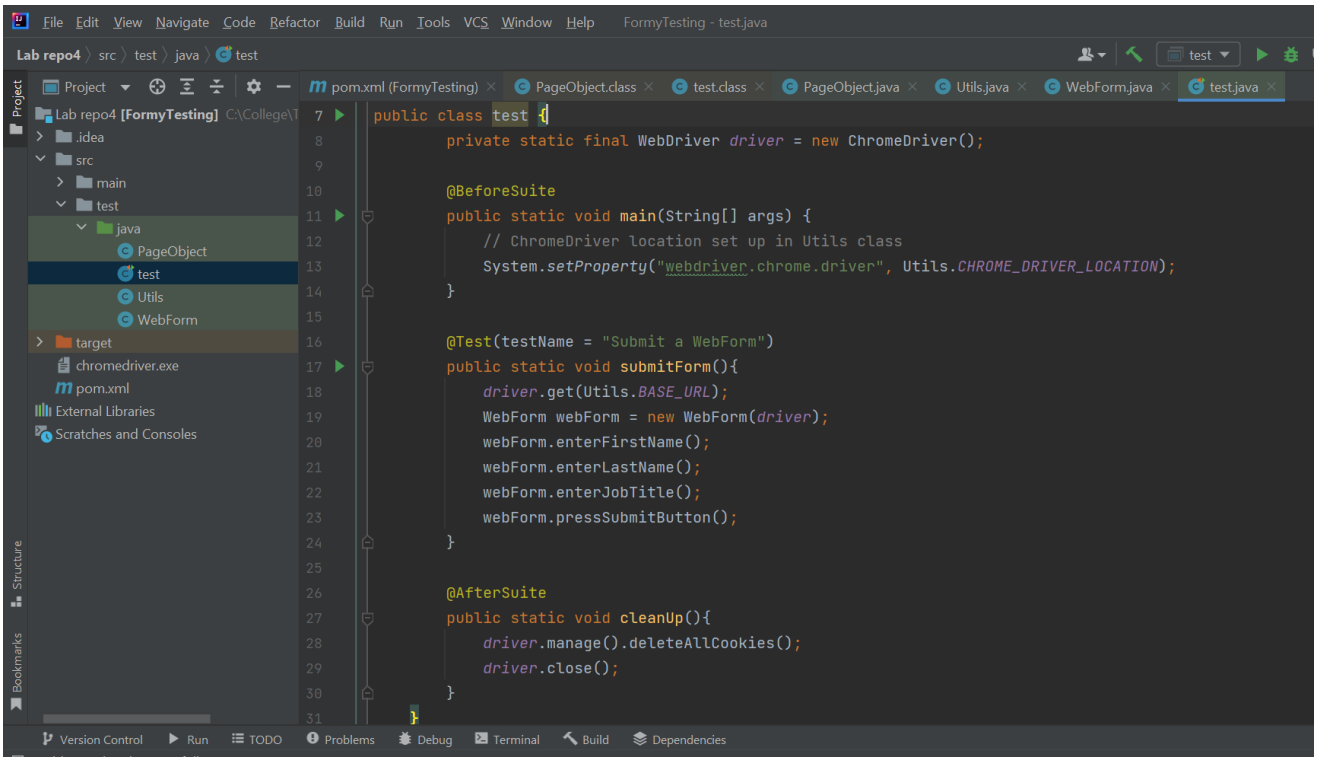
```
// Page URL: https://formy-project.herokuapp.com/form
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;

public class WebForm extends PageObject{

    private final String FIRST_NAME = "Mennah";
    private final String LAST_NAME = "Fetouh";
    private final String JOB_TITLE = "student";

    @FindBy(id = "first-name")
    private WebElement first_name;

    @FindBy(id = "last-name")
    private WebElement last_name;

    @FindBy(id = "job_title")
    private WebElement job_title;

    @FindBy(xpath = "//a[contains(text(),'Submit')]")
```

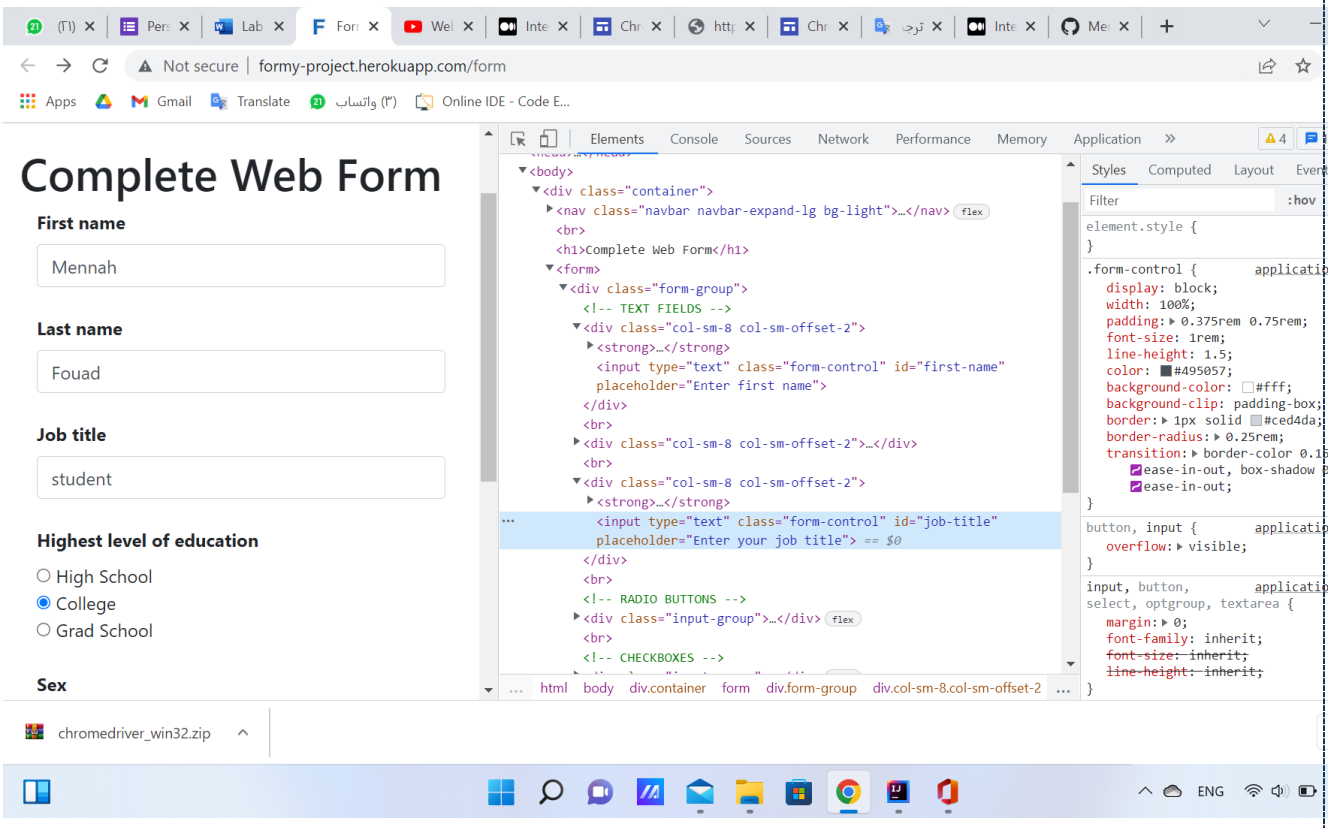
```
    private WebElement submit_button;

    public WebForm(WebDriver driver) {
        super(driver);
    }

    public void enterFirstName(){
        this.first_name.sendKeys(FIRST_NAME);
    }

    public void enterLastName(){
        this.last_name.sendKeys(LAST_NAME);
    }

    public void enterJobTitle(){
        this.last_name.sendKeys(JOB_TITLE);
    }

    public void pressSubmitButton(){
        this.submit_button.click();
    }
}
```

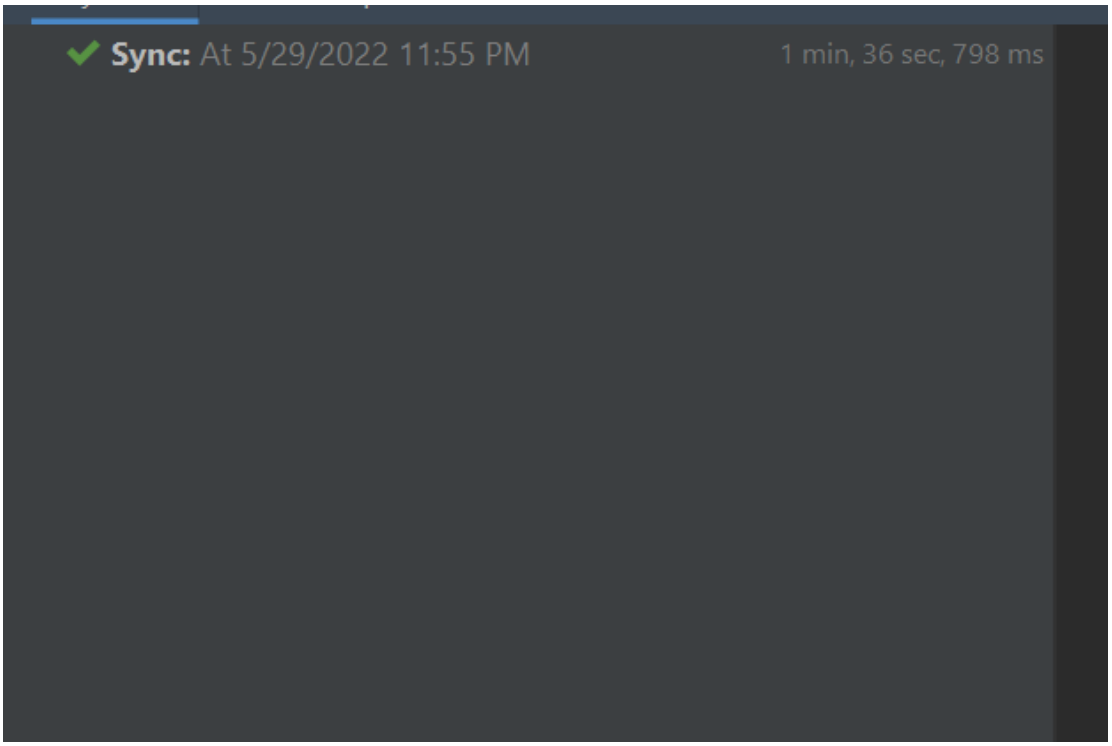


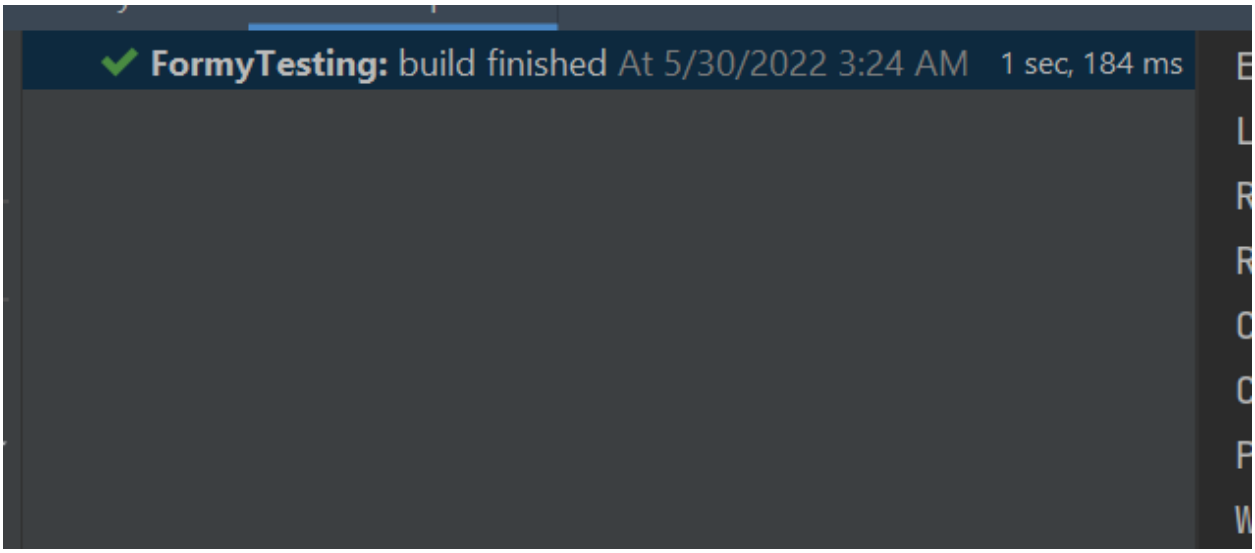
Class 4 : test.java

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterSuite;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;

public class test {

        private static final WebDriver driver = new ChromeDriver();

        @BeforeSuite
        public static void main(String[] args) {
            // ChromeDriver location set up in Utils class
            System.setProperty("webdriver.chrome.driver", Utils.CHROME_DRIVER_LOCATION);
        }

        @Test(testName = "Submit a WebForm")
        public static void submitForm(){
            driver.get(Utils.BASE_URL);
            WebForm webForm = new WebForm(driver);
            webForm.enterFirstName();
            webForm.enterLastName();
            webForm.enterJobTitle();
            webForm.pressSubmitButton();
        }

        @AfterSuite
        public static void cleanUp(){
            driver.manage().deleteAllCookies();
            driver.close();
        }
    }
```


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help FormyTesting - test.java
Lab repo4 src test java test
pom.xml (FormyTesting) PageObject.class test.class PageObject.java Utils.java WebForm.java test.java
Project
Lab repo4 [FormyTesting]
.idea
src
main
test
java
PageObject
test
Utils
WebForm
target
chromedriver.exe
pom.xml
External Libraries
Scratches and Consoles
public class test {
private static final WebDriver driver = new ChromeDriver();
@BeforeSuite
public static void main(String[] args) {
// ChromeDriver location set up in Utils class
System.setProperty("webdriver.chrome.driver", Utils.CHROME_DRIVER_LOCATION);
}
@Test(testName = "Submit a WebForm")
public static void submitForm(){
driver.get(Utils.BASE_URL);
WebForm webForm = new WebForm(driver);
webForm.enterFirstName();
webForm.enterLastName();
webForm.enterJobTitle();
webForm.pressSubmitButton();
}
@AfterSuite
public static void cleanUp(){
driver.manage().deleteAllCookies();
driver.close();
}
}
Version Control Run TODO Problems Debug Terminal Build Dependencies


Not secure formy-project.herokuapp.com/form
Apps Gmail Translate Online IDE - Code E...
Complete Web Form
First name
Mennah
Last name
Fouad
Job title
student
Highest level of education
High School
College
Grad School
Sex
Elements Console Sources Network Performance Memory Application
Styles Computed Layout
chromedriver_win32.zip
ENG





GitHub Repo:

GitHub Repo Link is:

https://github.com/Mennah-Ashraf/Testing-Lab-repo4-Formy.git