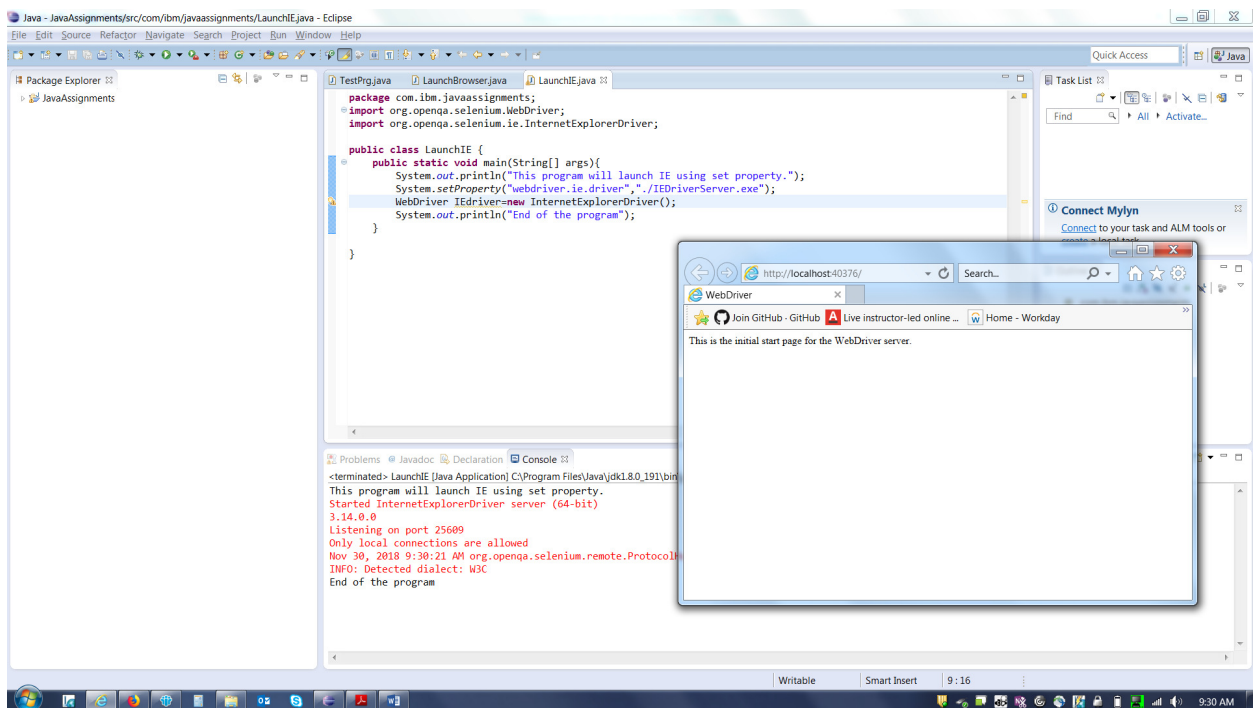ASSIGNMENT 2

Task1:

Launch Internet Explorer using System.setproperty by configuring all the driver under the project.

Solution:

```java
package com.ibm.javaassignments;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;

public class LaunchIE {
    public static void main(String[] args){
        System.out.println("This program will launch IE using set property.");
        System.setProperty("webdriver.ie.driver","./IEDriverServer.exe");
        WebDriver IEdriver=new InternetExplorerDriver();
        System.out.println("End of the program");
    }

}
```

Result flow & Screen shot:

ASSIGNMENT 2

Task2:

Please try to configure Chrome Browser and navigate to http://magneto.com. Automate all the features in the Registration page using XPATH locators except captcha. Note: Leave captcha. No need to automate.

Solution:

```java
package com.ibm.javaassignments;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import java.util.concurrent.TimeUnit;


public class LaunchChrome {
      public static void main(String[] args){
            System.out.println("This program will launch Chrome browser and access Magento Site");
            System.setProperty("webdriver.chrome.driver", "./chromedriver.exe");
            WebDriver chrdriver=new ChromeDriver();
            WebDriverWait wait=new WebDriverWait(chrdriver, 60); //Explicit Wait
            chrdriver.manage().window().maximize();
            chrdriver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
            chrdriver.get("http://magento.com");
            String url=chrdriver.getCurrentUrl();
            System.out.println("Application URL: "+url);
            String title=chrdriver.getTitle();
            System.out.println("Initial Page Title: "+title);

            //To find the Login icon and then to click the icon
            WebElement CusLogEle=chrdriver.findElement(By.xpath("//span[text()='Account']/ancestor::a"));
            CusLogEle.click();
            System.out.println("Login icon clicked");
            //To find the Register button and then to click the button
            WebElement RegEle=chrdriver.findElement(By.xpath("//button[@type='button']"));
            RegEle.click();
            System.out.println("Register button clicked");
            //To find the Firstname field and to enter the value
            WebElement firstnameEle=chrdriver.findElement(By.xpath("//input[@id='firstname']"));
            firstnameEle.sendKeys("Jesu");
            System.out.println("First Name entered");
            //To find the Lasttname field and to enter the value
            WebElement lastnameEle=chrdriver.findElement(By.xpath("//input[@id='lastname']"));
            lastnameEle.sendKeys("Albert1");
```

ASSIGNMENT 2

```java
            System.out.println("Last Name entered");
            //To find the Email Address field and to enter the value
            WebElement
emailEle=chrdriver.findElement(By.xpath("//input[@id='email_address']"));
            emailEle.sendKeys("jesualbert1@gmail.com");
            System.out.println("Email Address entered");
            //To find the Password field and to enter the value
            WebElement
passEle=chrdriver.findElement(By.xpath("//input[@id='password']"));
            passEle.sendKeys("test$123");
            System.out.println("Password entered");
            //To find the Confirm Password field and to enter the value
            WebElement
confpassEle=chrdriver.findElement(By.xpath("//input[@id='confirmation']"));
            confpassEle.sendKeys("test$123");
            System.out.println("Password re-entered");
            //To find the Terms&Conditions checkbox field and to check
            WebElement
termconEle=chrdriver.findElement(By.xpath("//input[@id='agree_terms']"));
            termconEle.click();
            System.out.println("Terms & Conditions check box checked");
            System.out.println("End of the program");


    }

}
```

Result flow and Screen shot: