

**Selenium Test Report  
On**

<http://cup.edu.in/>



**School of computer application**

Software Engineering Practices (CAP 437)  
**Session 2022-2024**

**Submitted to:**

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## Test Case 1

Test Case ID	Name	Description	Test Steps			Test Case Status	Test Status (P/F)	Test Priority	Defect Severity
			Step	Expected	Actual				
About	Testing Web page of About page in sublinks	To Verify the link is working using sublinks	Open website	Website Open	Website Open	Completed Successfully	Pass	High	Low
			Click on CUP profile	CUP Profile Window open	CUP Profile Window open		Pass	High	Low
			Click on Vision misson logo	Vison Misson logo Window open	Vison Misson logo Window open		Pass	High	Low
			Close Website	Close Website	Website Closed		Pass	High	Low

## Screenshot of test case ID: About

Selenium IDE - CA3

Project: CA3

Executing ▾

http://cup.edu.in

	Command	Target	Value
3	run script		
4	✓ mouse over	linkText=CUP Profile	
5	✓ click	linkText=CUP Profile	
6	✓ mouse out	linkText=CUP Profile	
7	✓ click	linkText=Vision, Mission & Logo	
8	✓ close		

Command

Target

Value

Description

Runs: 1 Failures: 0

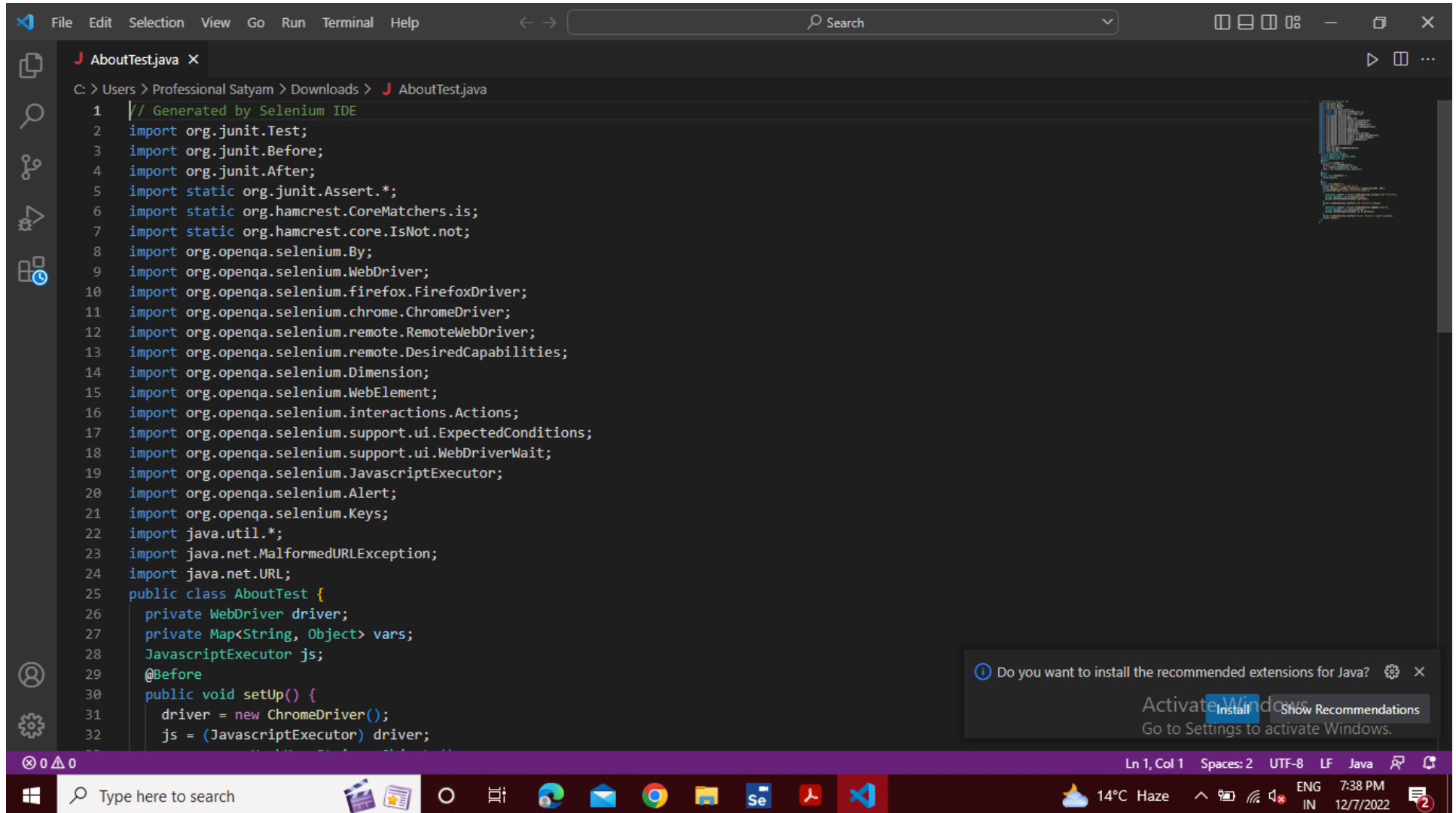
Log Reference

4. Trying to find linkText=CUP Profile... OK	20:30:29
5. click on linkText=CUP Profile OK	20:30:39
6. Trying to find linkText=CUP Profile... OK	20:30:39
7. click on linkText=Vision, Mission & Logo OK	20:30:43
8. close OK	20:30:43
'About' completed successfully	20:30:44

Activate Windows  
Go to Settings to activate Windows

Windows taskbar: Type here to search, 15°C Haze, 8:30 PM, 12/7/2022

## Java Code Generated by Selenium



The screenshot shows an IDE window titled "AboutTest.java" with the following Java code:

```
1 // Generated by Selenium IDE
2 import org.junit.Test;
3 import org.junit.Before;
4 import org.junit.After;
5 import static org.junit.Assert.*;
6 import static org.hamcrest.CoreMatchers.is;
7 import static org.hamcrest.CoreMatchers.isNot;
8 import org.openqa.selenium.By;
9 import org.openqa.selenium.WebDriver;
10 import org.openqa.selenium.firefox.FirefoxDriver;
11 import org.openqa.selenium.chrome.ChromeDriver;
12 import org.openqa.selenium.remote.RemoteWebDriver;
13 import org.openqa.selenium.remote.DesiredCapabilities;
14 import org.openqa.selenium.Dimension;
15 import org.openqa.selenium.WebElement;
16 import org.openqa.selenium.interactions.Actions;
17 import org.openqa.selenium.support.ui.ExpectedConditions;
18 import org.openqa.selenium.support.ui.WebDriverWait;
19 import org.openqa.selenium.JavascriptExecutor;
20 import org.openqa.selenium.Alert;
21 import org.openqa.selenium.Keys;
22 import java.util.*;
23 import java.net.MalformedURLException;
24 import java.net.URL;
25 public class AboutTest {
26     private WebDriver driver;
27     private Map<String, Object> vars;
28     JavascriptExecutor js;
29     @Before
30     public void setUp() {
31         driver = new ChromeDriver();
32         js = (JavascriptExecutor) driver;
```

The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a search bar, and a sidebar with icons for Explorer, Search, Source Control, Run and Debug, and Extensions. The status bar at the bottom shows "Ln 1, Col 1", "Spaces: 2", "UTF-8", "LF", "Java", and system information (14°C Haze, 7:38 PM, 12/7/2022). A Windows taskbar is visible at the very bottom with the search bar and several application icons.

Do you want to install the recommended extensions for Java? [Install](#) [Show Recommendations](#)

Activate Windows  
Go to Settings to activate Windows.

File Edit Selection View Go Run Terminal Help

Search

AboutTest.java X

C: > Users > Professional Satyam > Downloads > AboutTest.java

```
32  js = (JavascriptExecutor) driver;
33  vars = new HashMap<String, Object>();
34  }
35  @After
36  public void tearDown() {
37      driver.quit();
38  }
39  @Test
40  public void about() {
41      driver.get("http://cup.edu.in/");
42      driver.manage().window().setSize(new Dimension(1050, 708));
43      js.executeScript("window.scrollTo(0,3049)");
44      {
45          WebElement element = driver.findElement(By.linkText("CUP Profile"));
46          Actions builder = new Actions(driver);
47          builder.moveToElement(element).perform();
48      }
49      driver.findElement(By.linkText("CUP Profile")).click();
50      {
51          WebElement element = driver.findElement(By.tagName("body"));
52          Actions builder = new Actions(driver);
53          builder.moveToElement(element, 0, 0).perform();
54      }
55      driver.findElement(By.linkText("Vision, Mission & Logo")).click();
56      driver.close();
57  }
58  }
59  }
```

Do you want to install the recommended extensions for Java? [Install](#) [Show Recommendations](#)

Activate Windows  
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 2 UTF-8 LF Java

Type here to search

14°C Haze 7:38 PM 12/7/2022

## Test Case 2

Test Case ID	Name	Description	Test Steps			Test Case Status	Test Status (P/F)	Test Priority	Defect Severity
			Step	Expected	Actual				
Administration	Testing Web page of About page in sublinks	To Verify the link is working using sublinks	Open website	Website Open	Website Open	Completed Successfully	Pass	High	Low
			Click on Vistors	Visitors Window open	Visitors Window open		Pass	High	Low
			Click on Vice Chancellor	Vice Chancellor Window open	Vice Chancellor Window open		Pass	High	Low
			Close Website	Close Website	Close Website		Pass	High	Low

Screenshot of test case ID: Administration

Selenium IDE - CA3\*

Project: CA3\*

Executing ▾

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Run current test Ctrl+R

✓ Administration\*

	Command	Target	Value
1	✓ open	/	
2	✓ set window size	1050x708	
3	✓ click	linkText=Visitor	
4	✓ click	linkText=Vice Chancellor	
5	✓ close		

Command

//

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Target

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Value

Description

Runs: 1 Failures: 0

Log

Reference

Running Administration

19:29:50

1. open on / OK

19:29:57

2. setWindowSize on 1050x708 OK

19:29:57

3. Trying to find linkText=Visitor... OK

19:29:57

4. click on linkText=Vice Chancellor OK

19:29:57

5. close OK

19:30:19

'Administration' completed successfully

19:30:19

Activate Windows

Go to Settings to activate Windows

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🌤️ 14°C Haze

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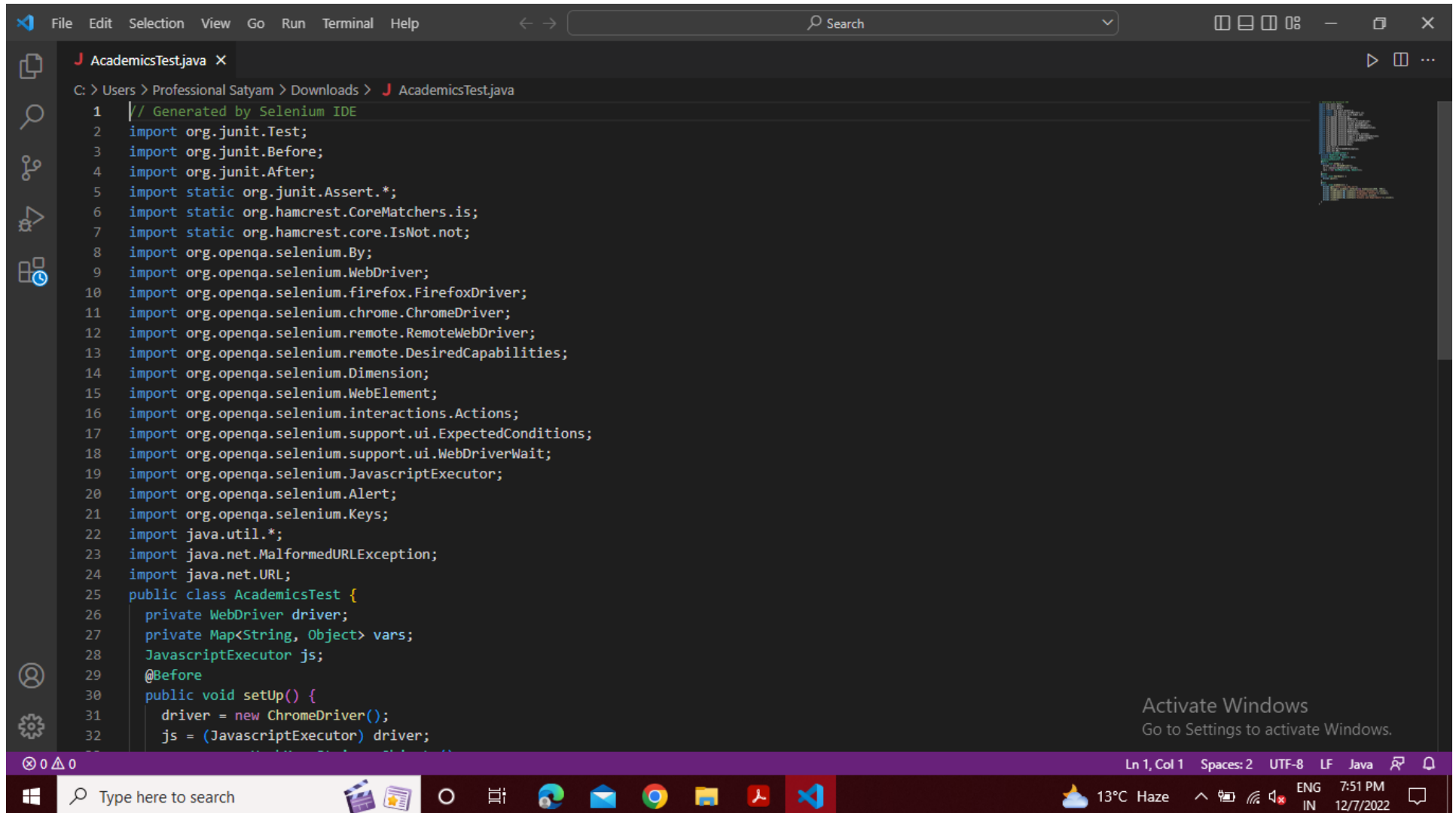
🔊

ENG IN

7:30 PM 12/7/2022

2

## Java Code Generated by Selenium

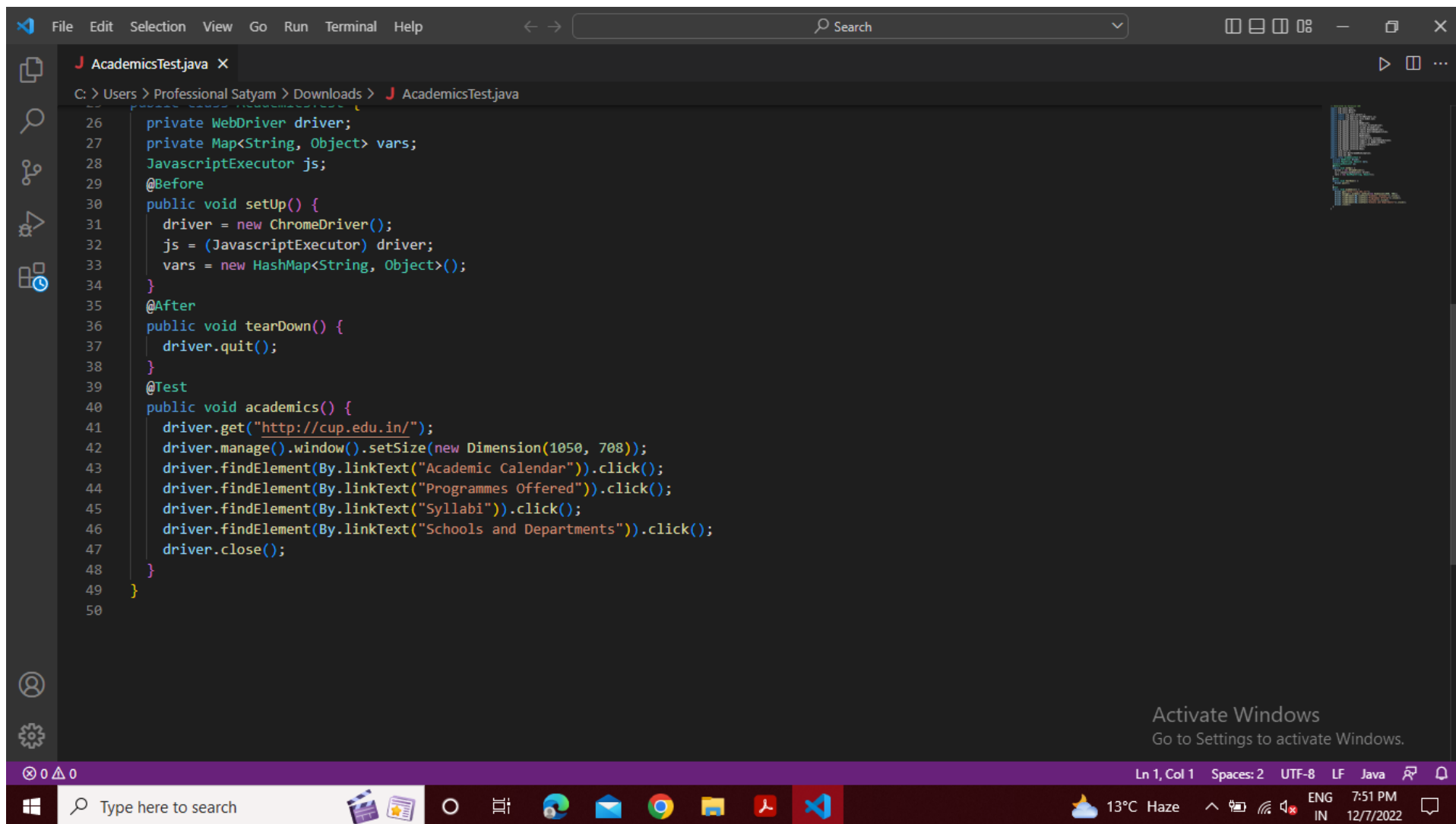


The screenshot displays a code editor window for a file named `AcademicsTest.java`. The code is generated by Selenium IDE and includes the following content:

```
1  // Generated by Selenium IDE
2  import org.junit.Test;
3  import org.junit.Before;
4  import org.junit.After;
5  import static org.junit.Assert.*;
6  import static org.hamcrest.CoreMatchers.is;
7  import static org.hamcrest.core.IsNot.not;
8  import org.openqa.selenium.By;
9  import org.openqa.selenium.WebDriver;
10 import org.openqa.selenium.firefox.FirefoxDriver;
11 import org.openqa.selenium.chrome.ChromeDriver;
12 import org.openqa.selenium.remote.RemoteWebDriver;
13 import org.openqa.selenium.remote.DesiredCapabilities;
14 import org.openqa.selenium.Dimension;
15 import org.openqa.selenium.WebElement;
16 import org.openqa.selenium.interactions.Actions;
17 import org.openqa.selenium.support.ui.ExpectedConditions;
18 import org.openqa.selenium.support.ui.WebDriverWait;
19 import org.openqa.selenium.JavascriptExecutor;
20 import org.openqa.selenium.Alert;
21 import org.openqa.selenium.Keys;
22 import java.util.*;
23 import java.net.MalformedURLException;
24 import java.net.URL;
25 public class AcademicsTest {
26     private WebDriver driver;
27     private Map<String, Object> vars;
28     JavascriptExecutor js;
29     @Before
30     public void setUp() {
31         driver = new ChromeDriver();
32         js = (JavascriptExecutor) driver;
```

The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a search bar, and a sidebar with icons for Explorer, Search, Source Control, Run and Debug, and Extensions. The status bar at the bottom shows the current cursor position (Ln 1, Col 1), settings (Spaces: 2, UTF-8, LF), and the active language (Java). The Windows taskbar at the very bottom displays the search bar, application icons, system tray, and date/time (7:51 PM, 12/7/2022).





### Test Case 3

Test Case ID	Name	Description	Test Steps			Test Case Status	Test Status (P/F)	Test Priority	Defect Severity
			Step	Expected	Actual				
Academics	Testing Web page of About page in sublinks	To Verify the link is working using sublinks	Open website	Website Open	Website Open	Completed Successfully	Pass	High	Low
			Click on Academic Calendar	Academic Calendar Window open	Academic Calendar Window open		Pass	High	Low
			Click on Programs Offered	Programs Offered Window open	Programs Offered Window open		Pass	High	Low
			Click on Syllabus	Syllabus Window open	Syllabus Window open		Pass	High	Low
			Click on Schools and Departments	Schools and Departments Window open	Schools and Departments Window open		Pass	High	Low
			Close Website	Close Website	Close Website		Pass	High	Low

## Screenshot of test case ID: Academics

Selenium IDE - CA3\*

Project: CA3\*

Executing ▾

Run current test Ctrl+R

	Command	Target	Value
1	✓ open	/	
2	✓ set window size	1050x708	
3	✓ click	linkText=Academic Calendar	
4	✓ click	linkText=Programmes Offered	
5	✓ click	linkText=Syllabi	
6	✓ click	linkText=Schools and Departments	
7	✓ close		

Command  //

Target

Value

Description

Runs: 1 Failures: 0

Log Reference

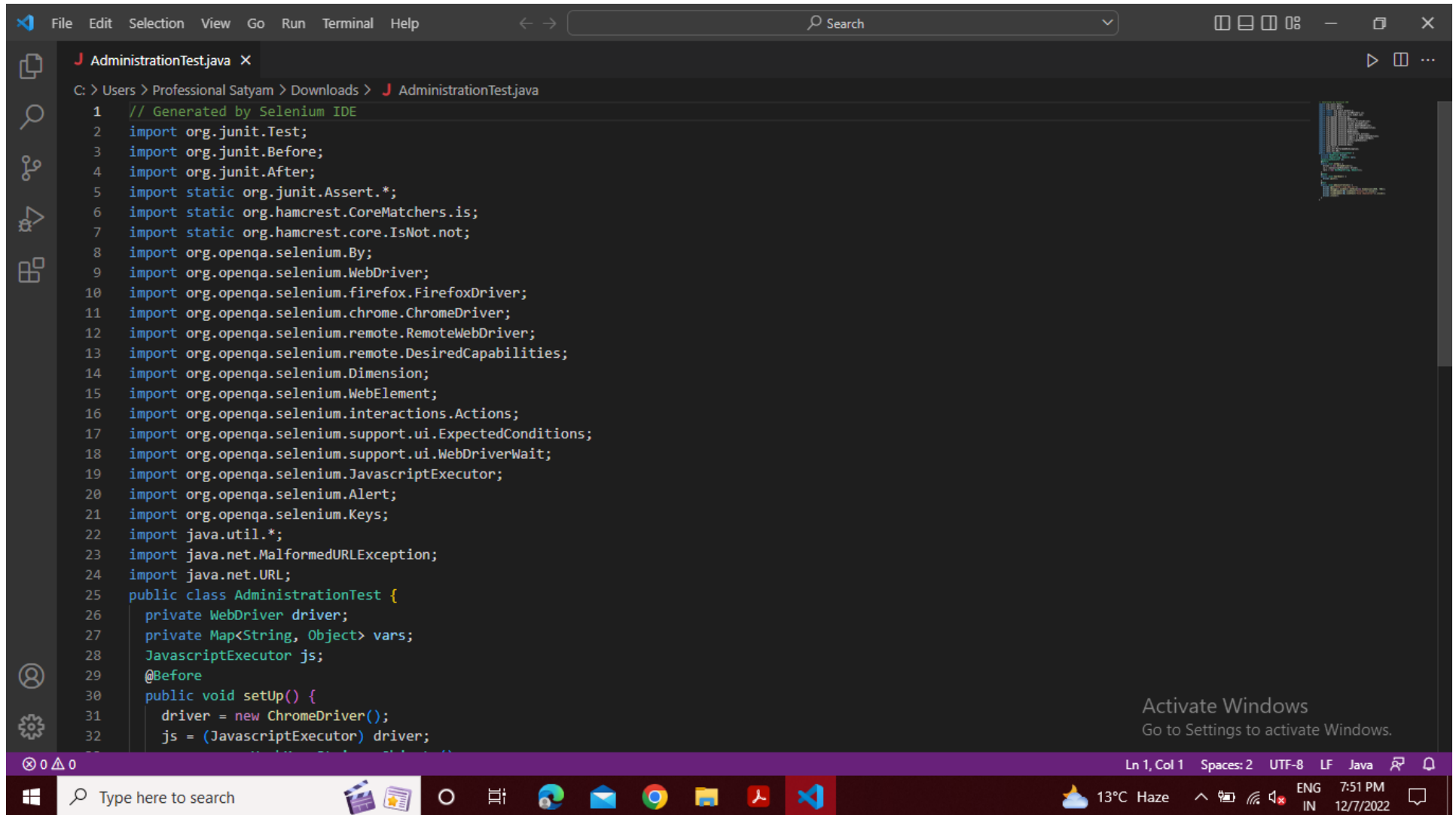
- 2. setWindowSize on 1050x708 OK 19:35:40
- 3. Trying to find linkText=Academic Calendar... OK 19:35:47
- 4. click on linkText=Programmes Offered OK 19:35:55
- 5. click on linkText=Syllabi OK 19:35:57
- 6. Trying to find linkText=Schools and Departments... OK 19:36:00
- 7. close OK 19:36:04

'Academics' completed successfully 19:36:04

Activate Windows  
Go to Settings to activate Windows

Windows taskbar: Type here to search, 14°C Haze, 7:36 PM 12/7/2022

## Java Code Generated by Selenium



The screenshot shows an IDE window titled "AdministrationTest.java". The code is generated by Selenium IDE and includes the following content:

```
C: > Users > Professional Satyam > Downloads > AdministrationTest.java

1  // Generated by Selenium IDE
2  import org.junit.Test;
3  import org.junit.Before;
4  import org.junit.After;
5  import static org.junit.Assert.*;
6  import static org.hamcrest.CoreMatchers.is;
7  import static org.hamcrest.CoreMatchers.isNot;
8  import org.openqa.selenium.By;
9  import org.openqa.selenium.WebDriver;
10 import org.openqa.selenium.firefox.FirefoxDriver;
11 import org.openqa.selenium.chrome.ChromeDriver;
12 import org.openqa.selenium.remote.RemoteWebDriver;
13 import org.openqa.selenium.remote.DesiredCapabilities;
14 import org.openqa.selenium.Dimension;
15 import org.openqa.selenium.WebElement;
16 import org.openqa.selenium.interactions.Actions;
17 import org.openqa.selenium.support.ui.ExpectedConditions;
18 import org.openqa.selenium.support.ui.WebDriverWait;
19 import org.openqa.selenium.JavascriptExecutor;
20 import org.openqa.selenium.Alert;
21 import org.openqa.selenium.Keys;
22 import java.util.*;
23 import java.net.MalformedURLException;
24 import java.net.URL;
25 public class AdministrationTest {
26     private WebDriver driver;
27     private Map<String, Object> vars;
28     JavascriptExecutor js;
29     @Before
30     public void setUp() {
31         driver = new ChromeDriver();
32         js = (JavascriptExecutor) driver;
```

The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a search bar, and a sidebar with icons for file explorer, search, and other tools. The status bar at the bottom shows "Ln 1, Col 1", "Spaces: 2", "UTF-8", "LF", "Java", and a Windows taskbar with the date "12/7/2022".

