

### 3. Problem Statement

#### Assignment – 1.1

##### Task

Record a new session for base URL as <https://magento.com/> and then click on the icon to navigate to

customer login page and then to Registration Page and automate all the fields.

Note: Leave captcha. No need to automate.

**Explanation of the code:** In the code by using selenium IDE I have automated 2 scenario

- 1- Login
- 2- New Registration
- 3- So the file will be saved as .side format

##### OutPut Of the Prog:

##### Log in Page Out put

The screenshot displays the Selenium IDE interface with a test case named 'TestCase1' for the URL 'https://magento.com'. The test case consists of 12 steps:

Step	Command	Target	Value
1	open	/	
2	set window size	1382x744	
3	click	css=fa fa-user	
4	type	id=email	balaji0017@gmail.com
5	click	id=pass	
6	type	id=pass	Welcome123
7	click	css=span > span	
8	wait for element present	linkText=Log Out	5000
9	verify title	My Account	
10	assert title	My Account	
11	click	css=div.account-help	
12	click	linkText=Log Out	

Below the table, the command 'open' is selected, with the target field containing '/'. The value and description fields are empty.

The Log tab at the bottom shows the following messages:

```
20-01-2020 10:00:00.000 [INFO] [SeleniumIDE] [TestCase1] [Log in Page Out put] [OK]
21. click on id=password... OK
22. type on id=password with value summer@123... OK
23. type on id=confirmation with value summer@123... OK
24. click on id=agree_terms... OK
'TestCase1' completed successfully
```

## New Registration Output

The screenshot displays the Selenium IDE interface for a project named 'Project: MagentoApplicationTest\*'. The browser address bar shows 'https://magento.com'. A search bar for tests is visible. The main table lists the steps of 'TestCase1' with columns for Step Number, Command, Target, and Value.

	Command	Target	Value
13	select	id=country	label=India
14	click	id=country	
15	click	id=customer_company_type	
16	select	id=customer_company_type	label=Provides deployment, customization and integration services to merchants
17	click	id=customer_company_type	
18	click	id=customer_individual_role	
19	select	id=customer_individual_role	label=Business/sales/marketing/merchandising
20	click	id=customer_individual_role	
21	click	id=password	
22	type	id=password	summer@123
23	type	id=confirmation	summer@123
24	click	id=agree_terms	

Below the table, there are input fields for Command, Target, Value, and Description. At the bottom, a 'Log' tab shows the execution results:

```
20. click on id=customer_individual_role... OK
21. click on id=password... OK
22. type on id=password with value summer@123... OK
23. type on id=confirmation with value summer@123... OK
24. click on id=agree_terms... OK
'TestCase1' completed successfully
```

## Assignment – 1.2

### Task

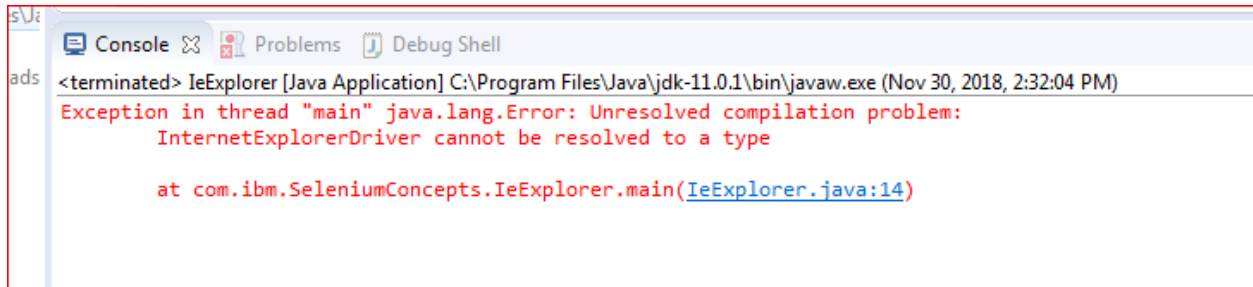
Please try to configure Internet Explorer browser and Chrome Browser. We will do the same in the

session as well. But before that try to check on the exception you're getting.

**Explanation of the code:** In order to work in selenium webdriver we need to configure the browser and have driver file mapped either in the main project folder or any separate folder. So

if the driver file is not mapped then we wont be able to work and it will give exception as shown below.

OutPut: with out driver file mapped

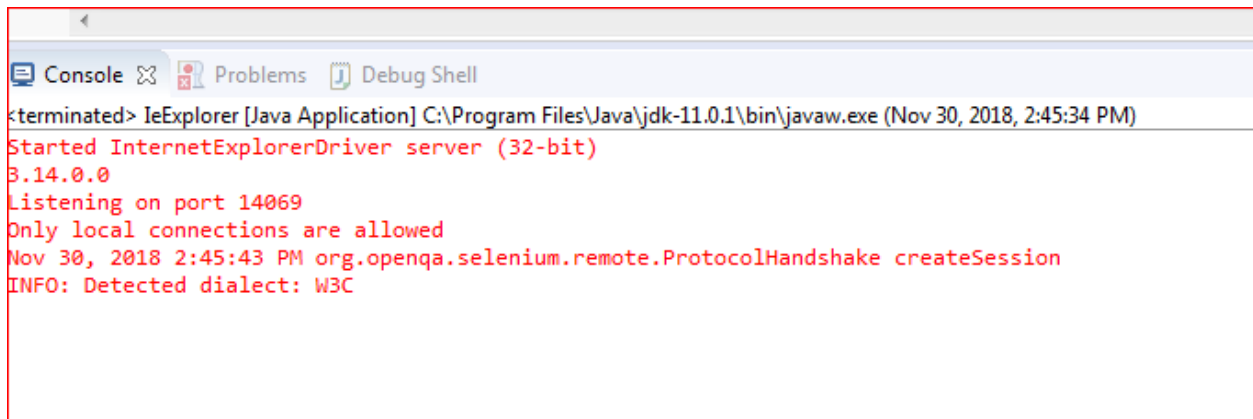


The screenshot shows an IDE console window with tabs for Console, Problems, and Debug Shell. The console output indicates a Java application named 'IeExplorer' has terminated. The exception is a 'java.lang.Error: Unresolved compilation problem: InternetExplorerDriver cannot be resolved to a type', occurring at line 14 of 'IeExplorer.java' in the package 'com.ibm.SeleniumConcepts.IeExplorer'.

```
<terminated> IeExplorer [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 2:32:04 PM)
Exception in thread "main" java.lang.Error: Unresolved compilation problem:
    InternetExplorerDriver cannot be resolved to a type

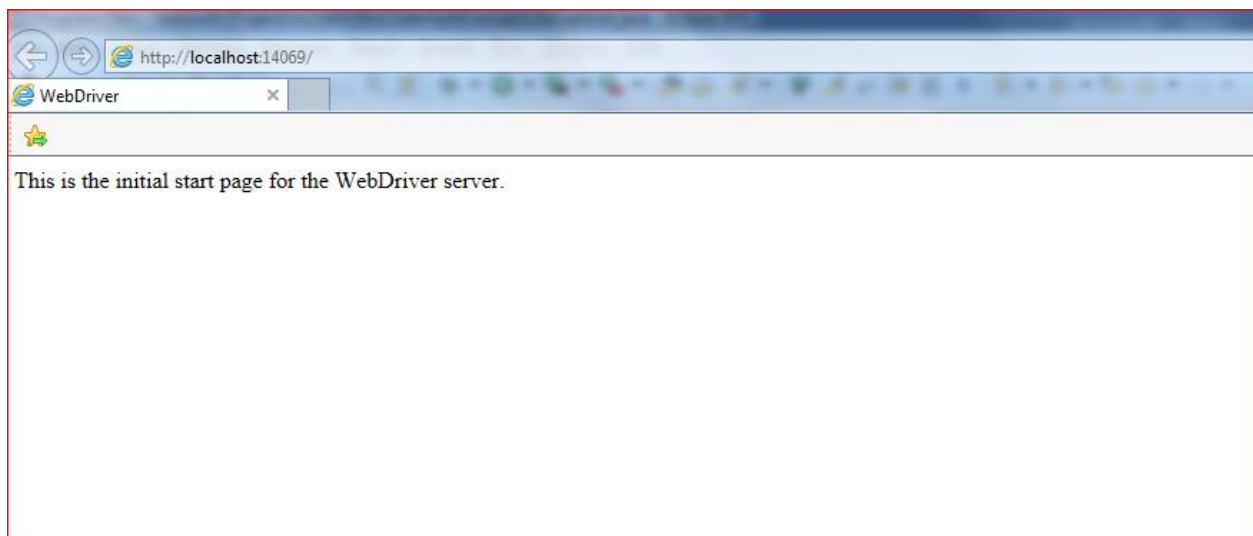
    at com.ibm.SeleniumConcepts.IeExplorer.main(IeExplorer.java:14)
```

After adding the driver path and importing the path , IE was opening fine with out any Exception.



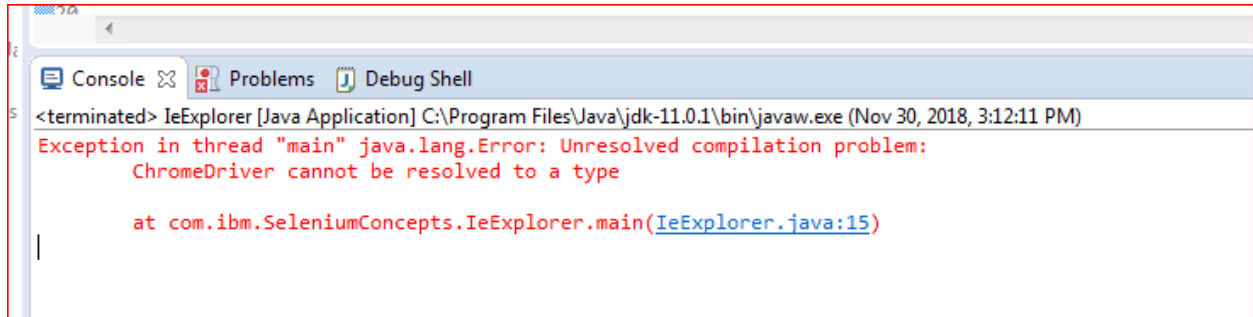
The screenshot shows the IDE console window after adding the driver path. The output shows that the 'InternetExplorerDriver server (32-bit)' has started successfully on port 14069. It also shows a successful session creation with the Selenium WebDriver protocol.

```
<terminated> IeExplorer [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 2:45:34 PM)
Started InternetExplorerDriver server (32-bit)
3.14.0.0
Listening on port 14069
Only local connections are allowed
Nov 30, 2018 2:45:43 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
```



## Chrome Browser

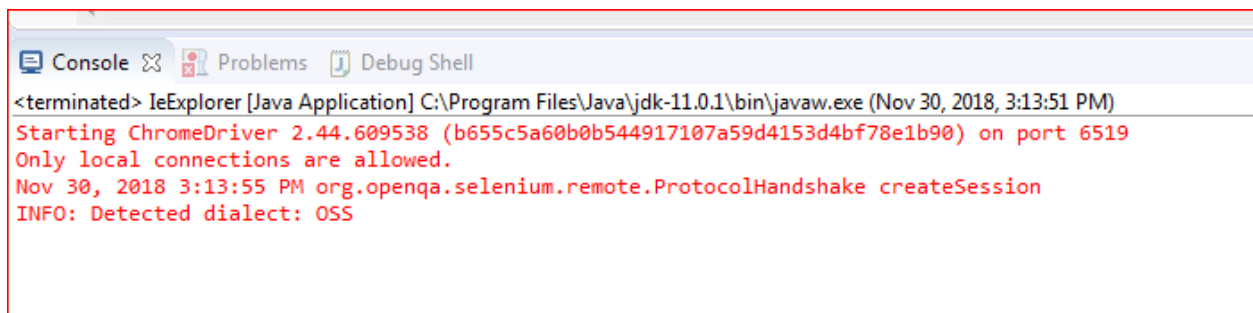
Without driver path



The screenshot shows an IDE console window with tabs for Console, Problems, and Debug Shell. The console output indicates a terminated Java application (IeExplorer) and a runtime exception: java.lang.Error: Unresolved compilation problem: ChromeDriver cannot be resolved to a type. The error points to line 15 in IeExplorer.java.

```
<terminated> IeExplorer [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 3:12:11 PM)  
Exception in thread "main" java.lang.Error: Unresolved compilation problem:  
    ChromeDriver cannot be resolved to a type  
  
    at com.ibm.SeleniumConcepts.IeExplorer.main(IeExplorer.java:15)
```

After adding driver



The screenshot shows the IDE console after adding the driver path. The output shows the successful starting of ChromeDriver 2.44.609538 on port 6519, with a note that only local connections are allowed. It also shows a successful session creation with OSS dialect.

```
<terminated> IeExplorer [Java Application] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Nov 30, 2018, 3:13:51 PM)  
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 6519  
Only local connections are allowed.  
Nov 30, 2018 3:13:55 PM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected dialect: OSS
```

