

Take repository from **Maven**
MVN REPOSITORY.COM

To give Maven Knowledge to project

- i) Go on Name "New Introduction"
- ii) Right click and find "Configure"
- iii) Select "Convert to Maven Project"

Select Group Id and Artifact id according to company and project

add **<dependencies>** Maven Repo **</dependencies>**
(Multiple can be added)

Ctrl+S

Select SRC Folder and then select new create "class"

Set name "selintroduction"
and Package "demo"
Select ☐ Public static void main (String[] args)

★ JAVA Class is the place where we will write Selenium code

Source (SRC) → NEW → Class

Ctrl + Shift + O
(import drivers)

Date / /
Page 6 Puffin

Lates
upda

Q What is interface

It is a rule book or contract that says
"If you agree to follow me you must do these things"

Q Webdriver is an interface

It is an interface in Selenium

Set of methods for browser automation like

get(), click(), sendkeys(), close(), quit(), etc

Q Who provides the body (implementation)?

Classes like:-

→ ChromeDriver → FirefoxDriver → EdgeDriver

→ SafariDriver

Q Why create an object of the class?

In java to use the method of class we need to create an object.

eg. → `ChromeDriver driver = new ChromeDriver();`

This means "driver" can use webdriver methods + its own class methods

But personal methods ^{will} ~~can~~ not work on other
Browser Datatype or class Creates new object

So we use "WebDriver driver = new ChromeDriver();"
↑ Interface ↑ Implementing

Latest update

X

★ We either have to install chromedriver.exe Manually or

✓

★ Let selenium Manager do it's work

Date ___/___/___

Page _____

Puffin

For checking we have to Right click and let program Run as "Java Application"

Manually Adding

Automatic adding

i) Take 2-10 second less

i) Take More time

URL :→ `driver.get("URL");`

For Getting title on console:-

`System.out.println(driver.getTitle());`

For Getting current URL on console:-

`System.out.println(driver.getCurrentUrl());`

For automatically closing browser:-

`driver.close();` Close only current window

`driver.quit();` Close all windows associated with link like login, Buy, etc.

★ `WebDriver driver = new EdgeDriver();`

★ `WebDriver driver = new FirefoxDriver();`

Name given to web driver