**SELENIUM – JAVA FRAMEWORK – WEB APPLCATION TESTING**

Search selenium

Download for java

In chrome see if its updaed

In chrome download chrome driver

Go to download for testing red link

https://googlechromelabs.github.io/chrome-for-testing/

For windows then x64 go to link

Extract all

In eclipse make a new project “automation”

**TO ADD SELENIUM**

Right click on project 🡪 properties 🡪 java build path 🡪 libraries 🡪 add external jars 🡪 selenium from downloads 🡪 ctrl A 🡪 open 🡪 add external jars 🡪 lib folder open 🡪 ctrl A 🡪 open 🡪 apply 🡪 close

Create a new class 🡪 “First\_auto” with main method

In main type 🡪 System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\admin\\Downloads\\chromedriver-win64\\chromedriver-win64\\chromedriver.exe");

Add chromedriver.exe

Create a new object : WebDriver driver = new ChromeDriver();

Will get errors so hover on the error and import the drivers

**\*\*\*\*\*error might come cuz of old version \*\*\*\*\*\***

Run the class, and browser should open

See if jdk is causing error due to old version then download jdk 🡪

<https://www.oracle.com/java/technologies/downloads/#jdk21-windows>

X64 installer download

Install and restart pc

If sill error comes then add it to project

Project 🡪 window 🡪 preferences🡪 java expand 🡪 installed jres 🡪 add new jre 🡪 add -> standard VM 🡪 directory 🡪 c drive 🡪 prog files, 🡪 java folder 🡪 jdk 21 select 🡪 finish 🡪 apply and close

After error solved

Type 🡪 driver.navigate().to("https://www.google.com");

To add to current folder

Right clcick on project 🡪 Properties 🡪 Java build path 🡪under library Select jre 🡪 edit 🡪 select alternate jre 🡪 jdk 21 🡪 run class 🡪 access control 🡪 chrome will open