

Continuous Testing Using Selenium

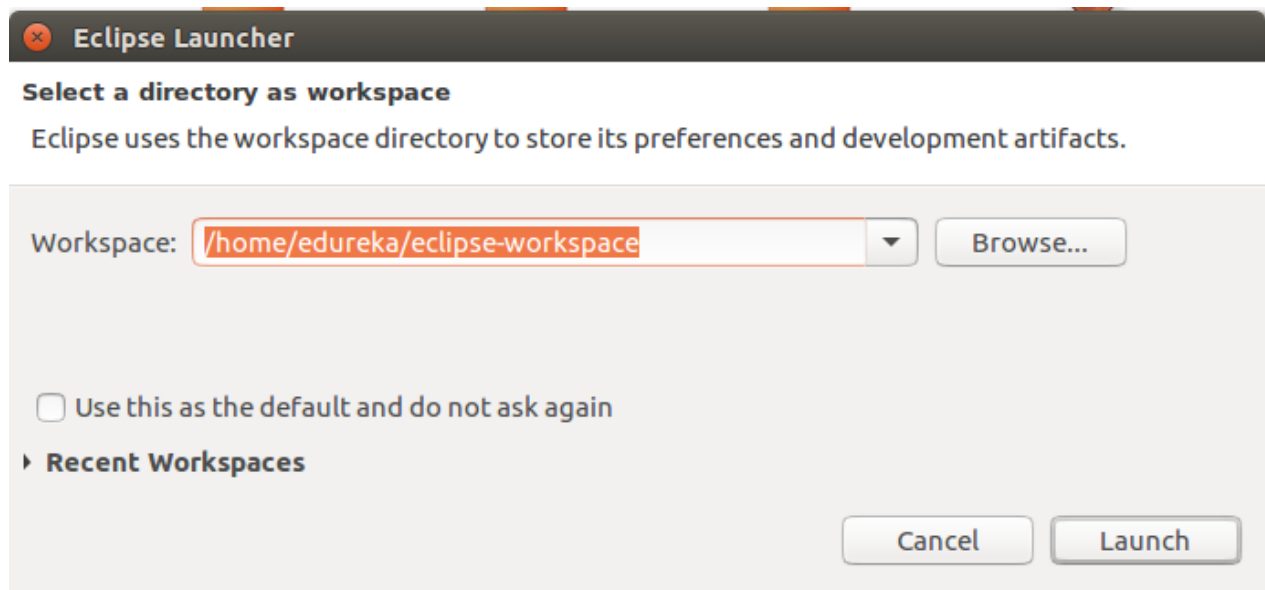
Demo Document-1

edureka!

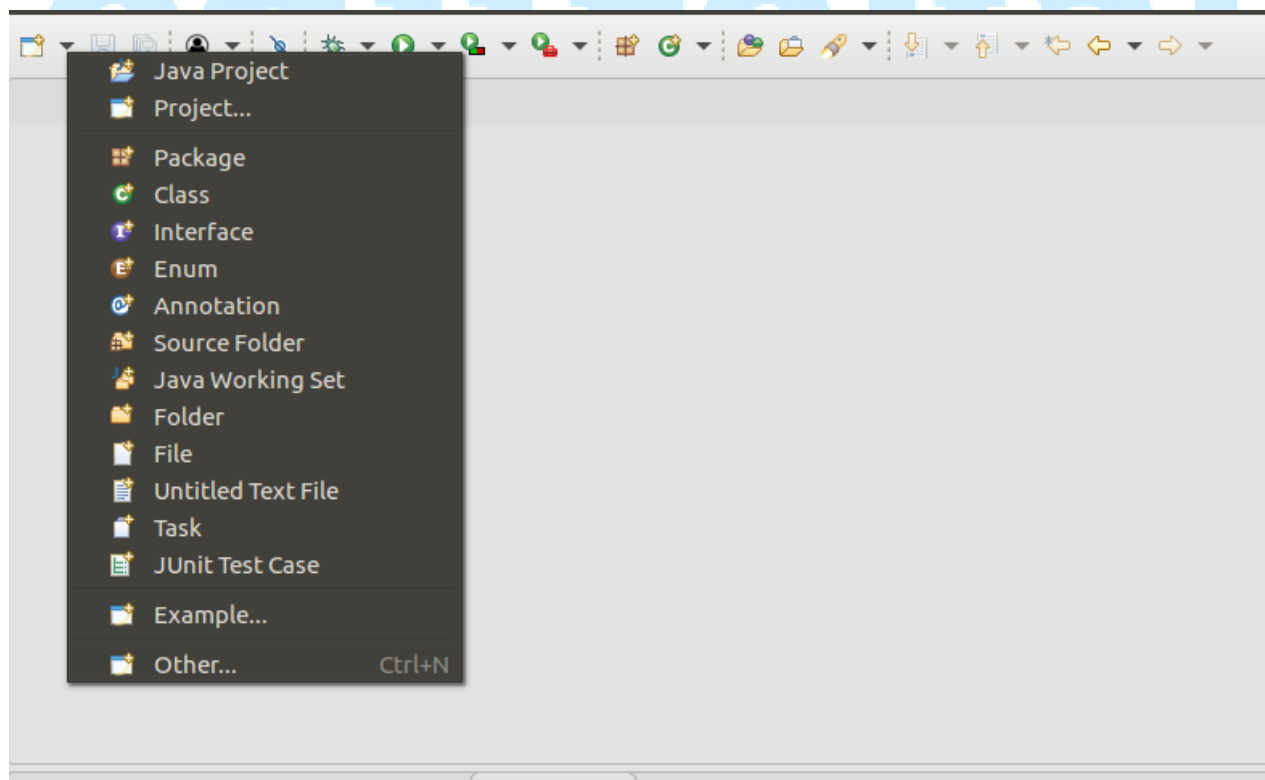
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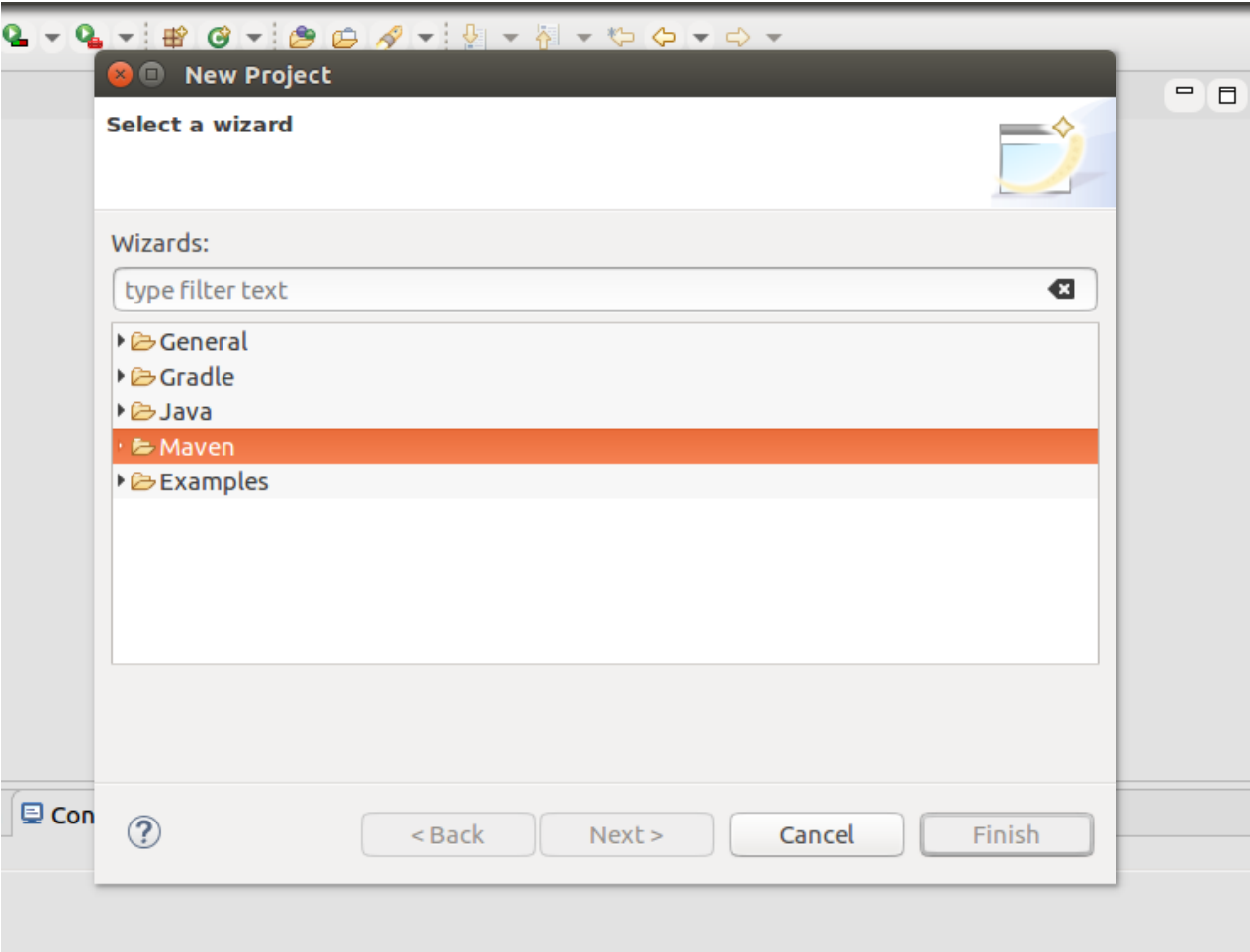
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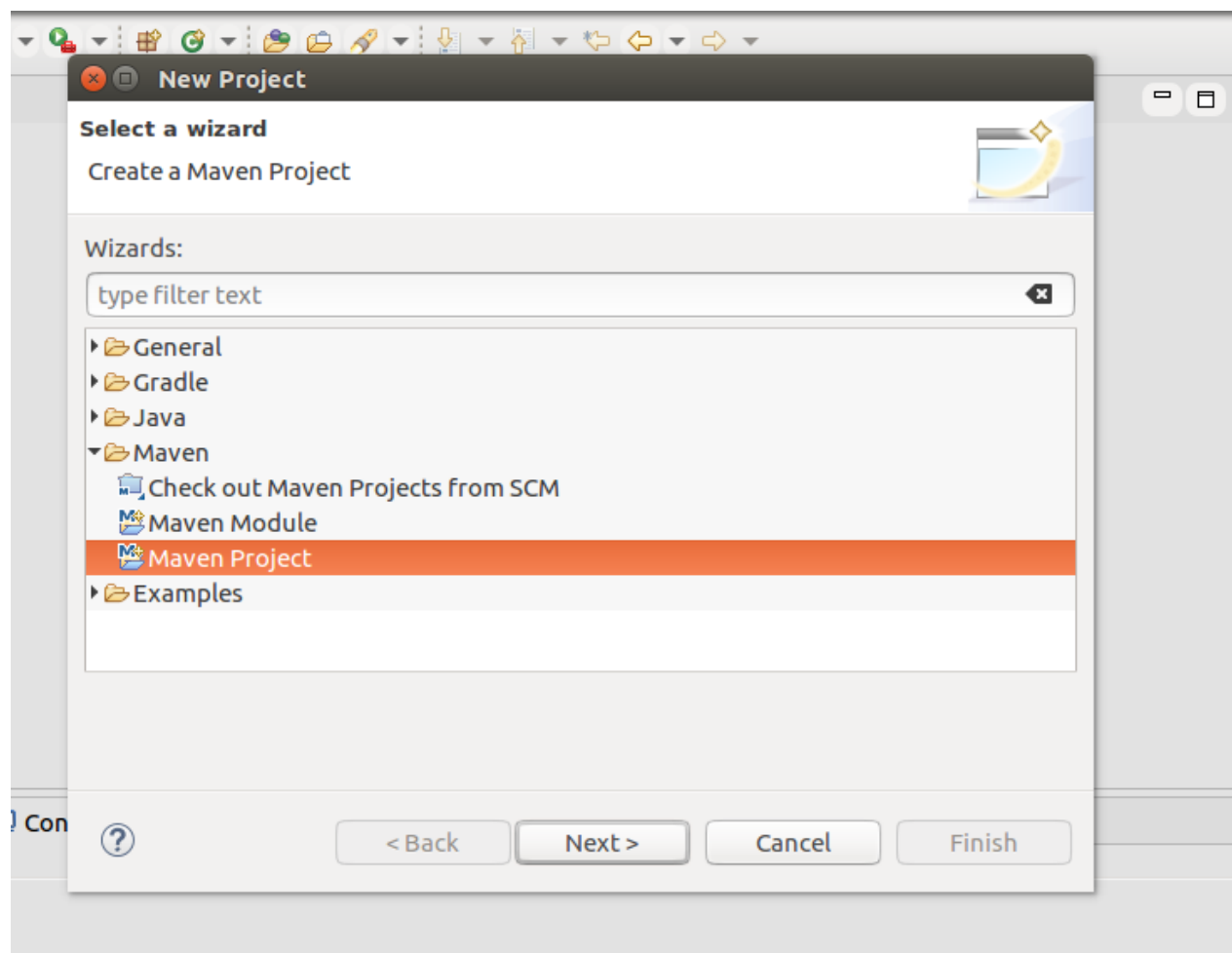
Demo – 1: Create Test case for Addressbook webapp.

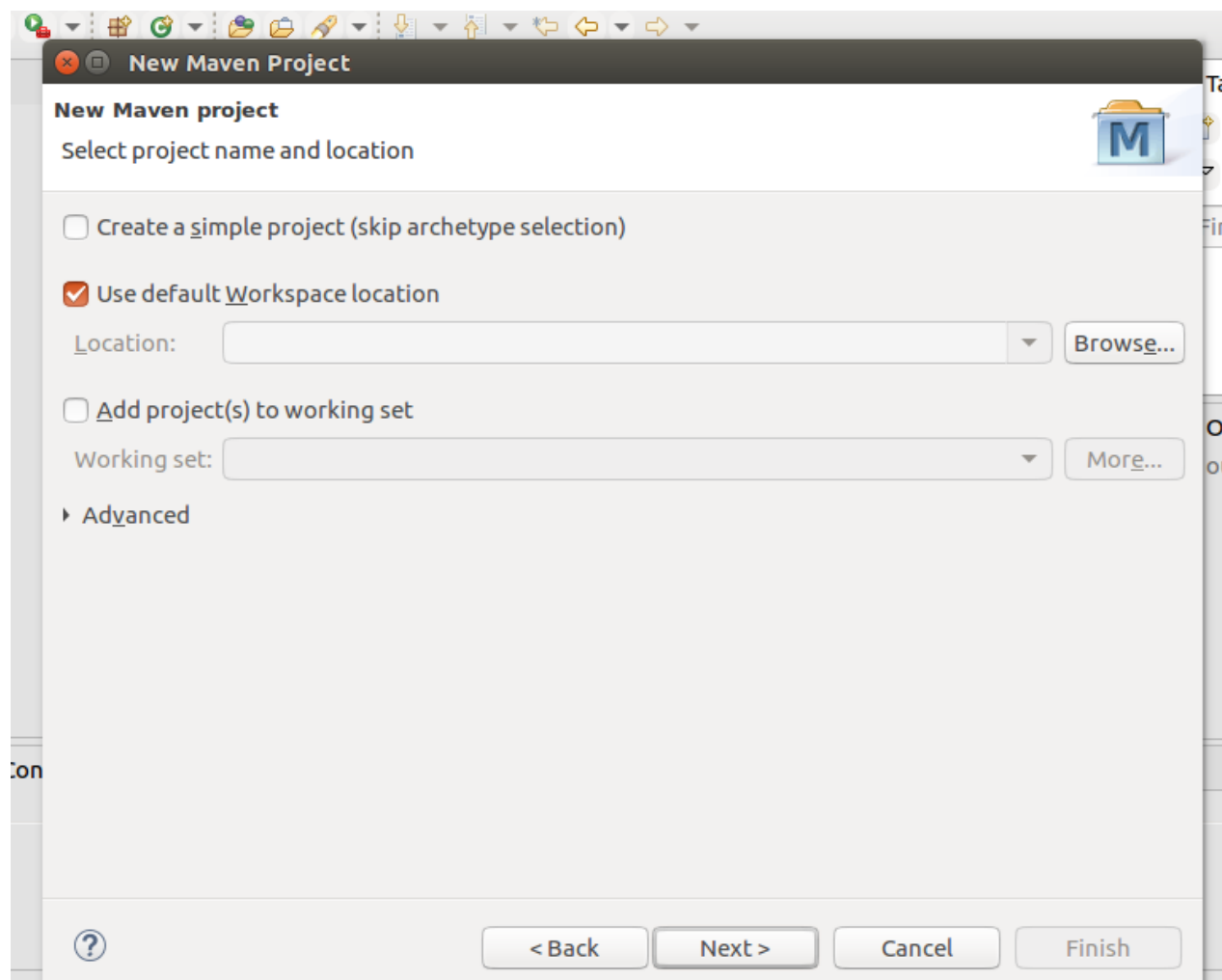


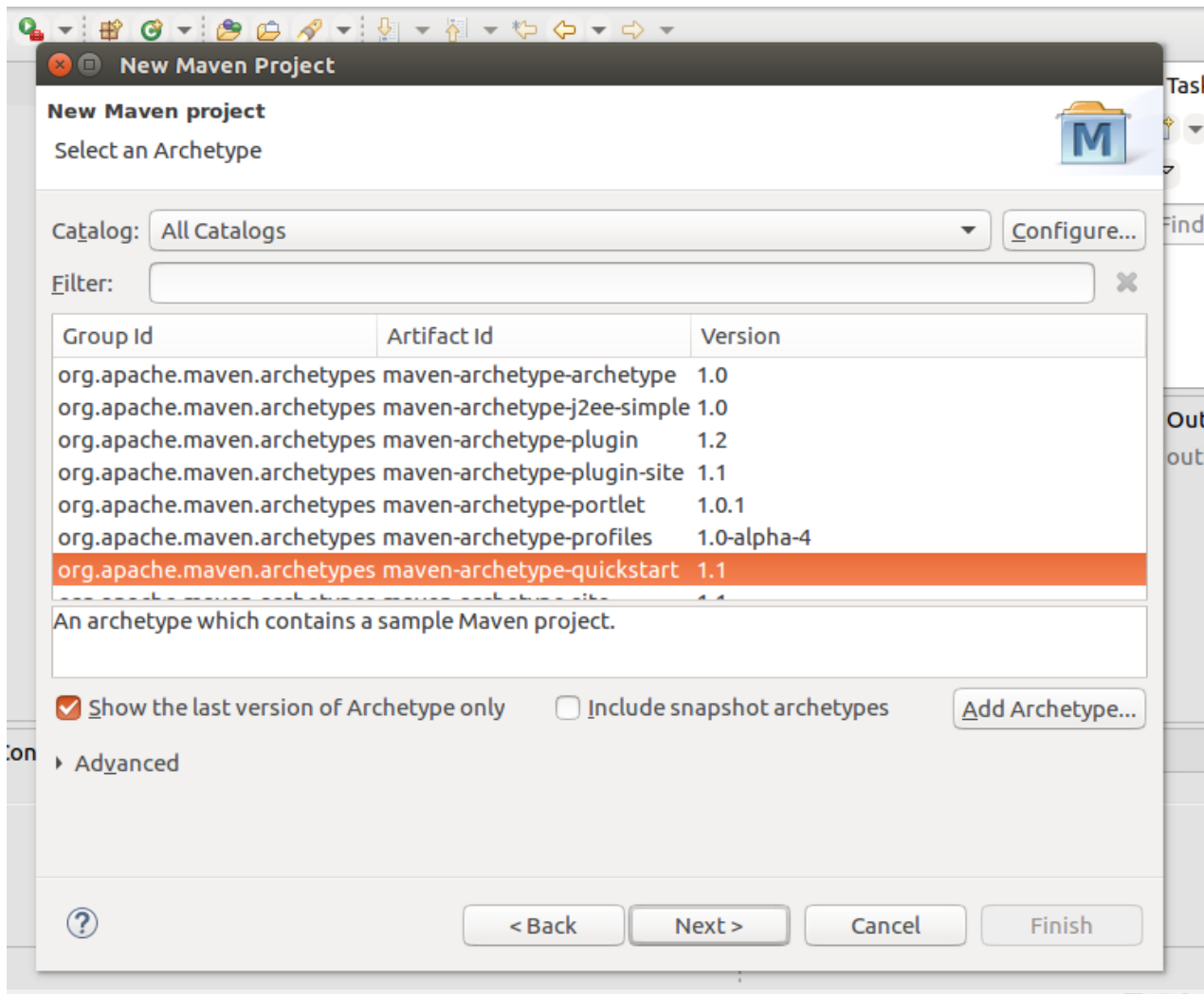
- Click on Project.



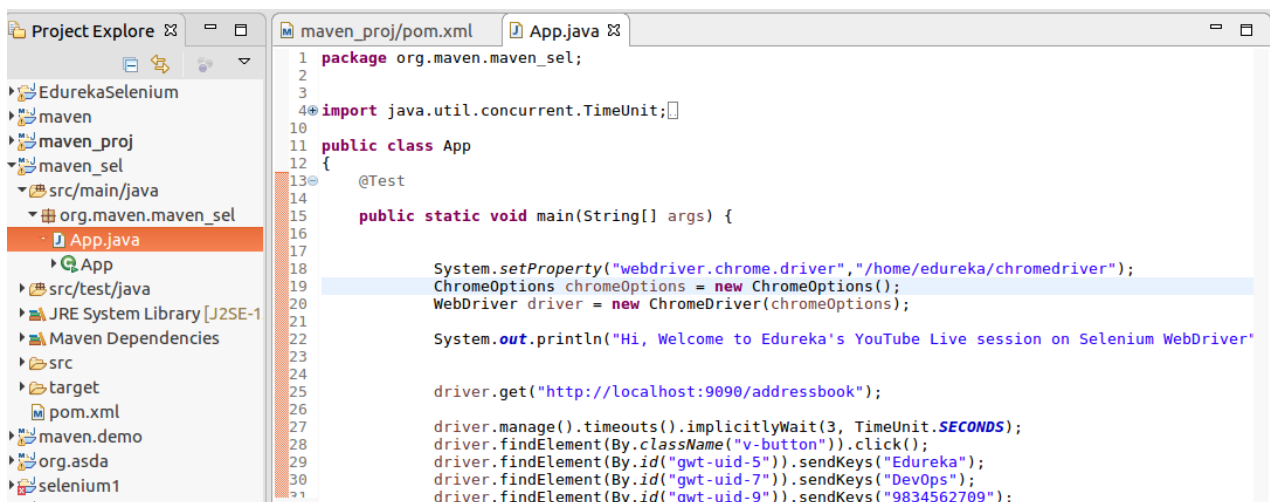




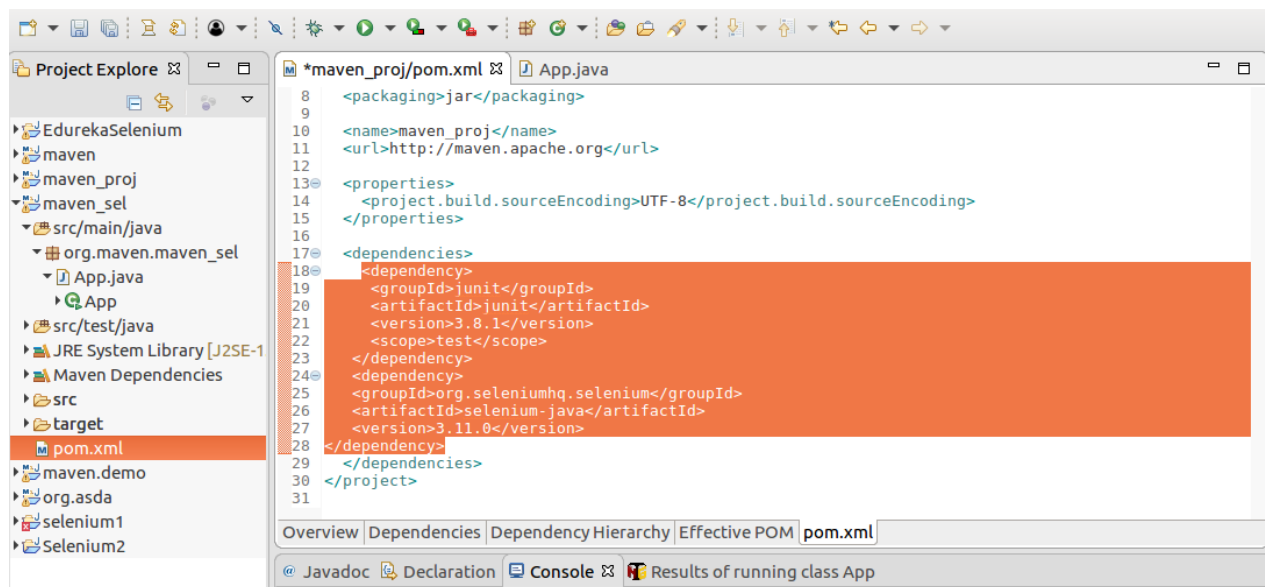




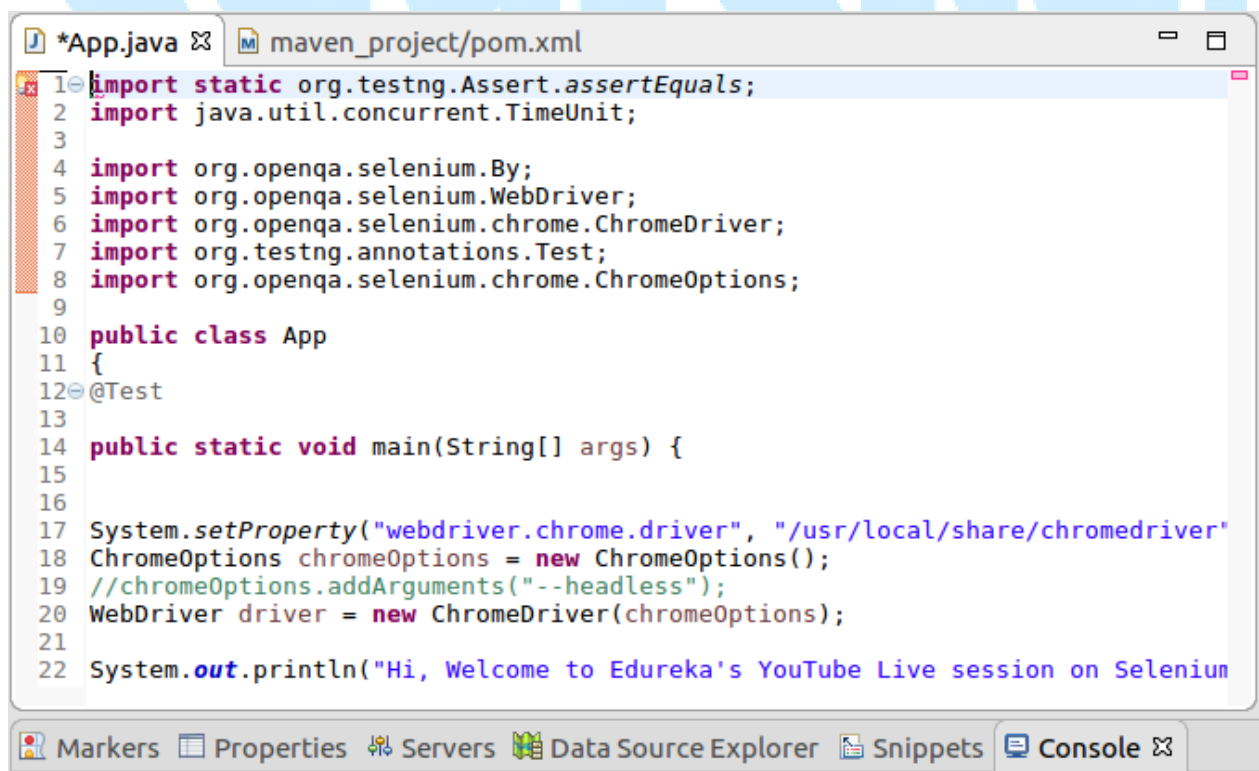
- After creating a Maven project copy the below codes into App.java class of that project.



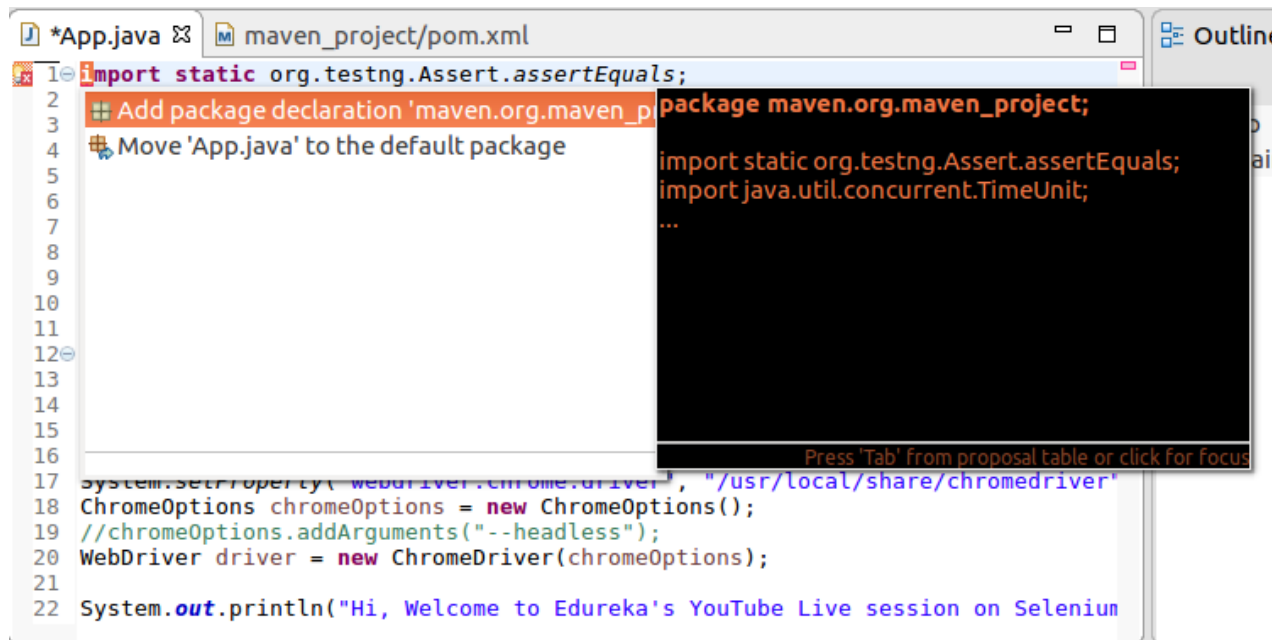
- Copy the dependency from below to your pom.xml file



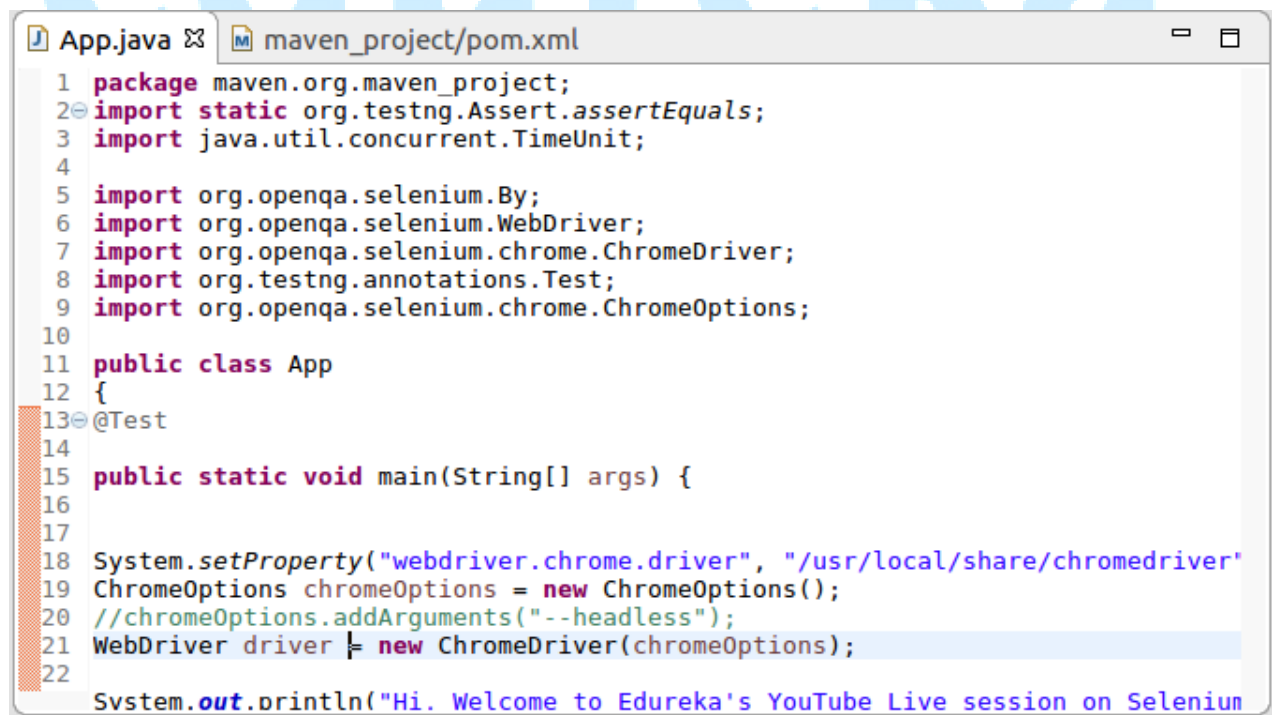
- Now save the pom.xml file, and check your app.java file.



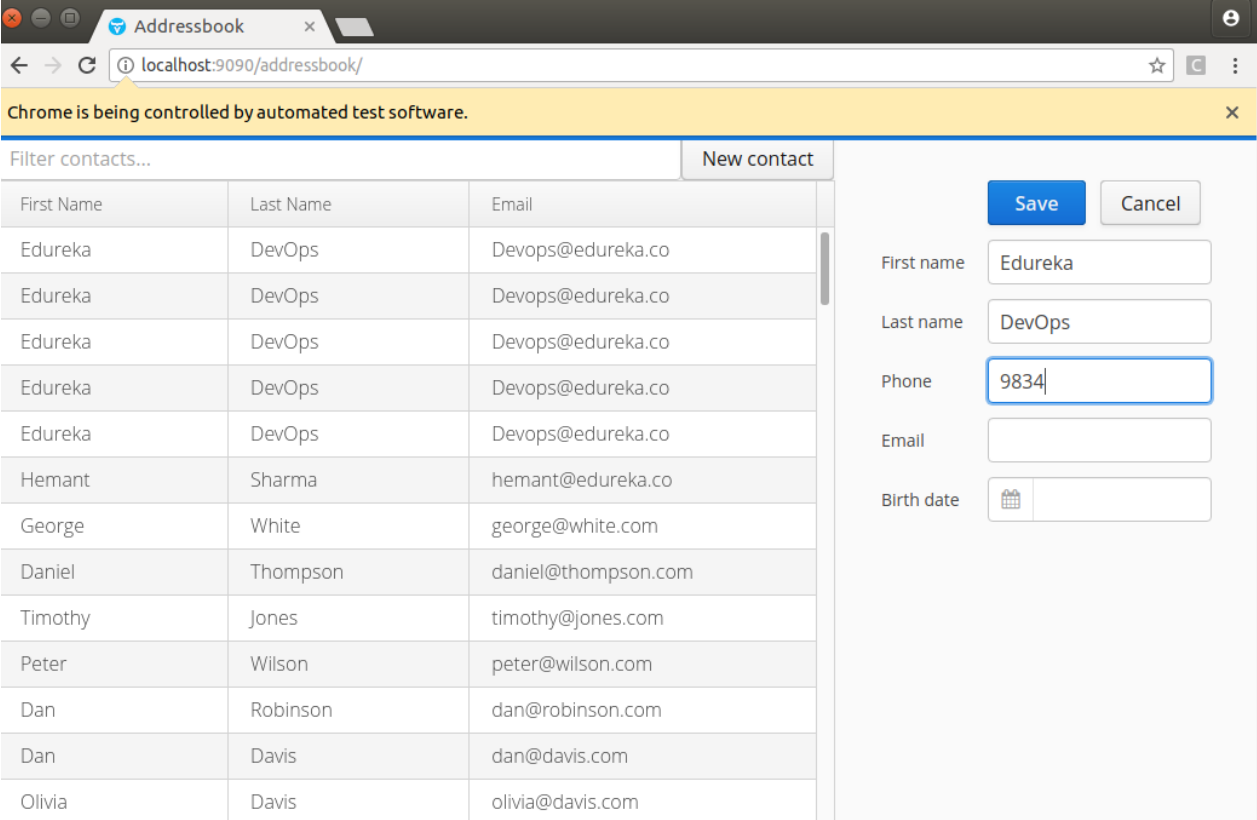
- Click on the warning and follow the suggestion to add the recommended package.



- After following the suggestion your package name will be added on the first line of your code file.



- Click on run and it will successfully run your web app on tomcat sever at the address localhost:8090/addressbook/
- You must have chrome and chrome driver installed in your VM.



Addressbook

localhost:9090/addressbook/

Chrome is being controlled by automated test software.

Filter contacts... New contact

First Name	Last Name	Email
Edureka	DevOps	Devops@edureka.co
Edureka	DevOps	Devops@edureka.co
Edureka	DevOps	Devops@edureka.co
Edureka	DevOps	Devops@edureka.co
Edureka	DevOps	Devops@edureka.co
Hemant	Sharma	hemant@edureka.co
George	White	george@white.com
Daniel	Thompson	daniel@thompson.com
Timothy	Jones	timothy@jones.com
Peter	Wilson	peter@wilson.com
Dan	Robinson	dan@robinson.com
Dan	Davis	dan@davis.com
Olivia	Davis	olivia@davis.com

Save Cancel

First name: Edureka

Last name: DevOps

Phone: 9834

Email:

Birth date:

Below is the code for writing the test case:

```
import java.util.concurrent.TimeUnit;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.Test;
import org.openqa.selenium.chrome.ChromeOptions;

public class App
{
    @Test

    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver", "/home/edureka/chromedriver");
        ChromeOptions chromeOptions = new ChromeOptions();
        WebDriver driver = new ChromeDriver(chromeOptions);

        System.out.println("Hi, Welcome to Edureka's YouTube Live session on Selenium
WebDriver");

        driver.get("http://localhost:8090/addressbook");

        driver.manage().timeouts().implicitlyWait(3, TimeUnit.SECONDS);
        driver.findElement(By.className("v-button")).click();
        driver.findElement(By.id("gwt-uid-5")).sendKeys("Edureka");
        driver.findElement(By.id("gwt-uid-7")).sendKeys("DevOps");
        driver.findElement(By.id("gwt-uid-9")).sendKeys("9834562709");
        driver.findElement(By.id("gwt-uid-11")).sendKeys("Devops@edureka.co");
        driver.findElement(By.id("gwt-uid-13")).sendKeys("01/01/2015");
        driver.findElement(By.className("v-button-primary")).click();
        //Thread.sleep(5000);
        driver.quit();
    }
}
```

Below are the dependencies that were added in the pom.xml file:

```
<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>3.8.1</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.seleniumhq.selenium</groupId>
  <artifactId>selenium-java</artifactId>
  <version>3.11.0</version>
</dependency>
<dependency>
  <groupId>org.testng</groupId>
  <artifactId>testng</artifactId>
  <version>6.14.3</version>
</dependency>
```

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