

1) W.a.maven program to create simple webdriver Program.

```
package com.example;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

import java.time.Duration;

public class SimpleSeleniumDemo {
    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver", "/path/to/chromedriver");

        WebDriver driver = new ChromeDriver();

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));

        driver.get("https://www.selenium.dev/selenium/web/web-form.html");

        WebElement textBox = driver.findElement(By.name("my-text"));
        WebElement submitButton = driver.findElement(By.cssSelector("button"));

        textBox.sendKeys("Hello Selenium!");
        submitButton.click();

        WebElement message = driver.findElement(By.id("message"));
        System.out.println("Result: " + message.getText());

        driver.quit();
    }
}
```

2) W.a.maven program to create Junit with webdriver Program.

```
package com.example;

import org.junit.jupiter.api.AfterEach;
import org.junit.jupiter.api.BeforeEach;
import org.junit.jupiter.api.Test;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

import static org.junit.jupiter.api.Assertions.assertEquals;

class SeleniumJUnitTest {
    WebDriver driver;

    @BeforeEach
    void setUp() {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
    }

    @Test
    void testSearchBox() {
        driver.get("https://www.selenium.dev/selenium/web/web-form.html");

        WebElement textBox = driver.findElement(By.name("my-text"));
        textBox.sendKeys("Hello Selenium!");

        driver.findElement(By.cssSelector("button")).click();

        WebElement message = driver.findElement(By.id("message"));
        assertEquals("Received!", message.getText());
    }

    @AfterEach
    void tearDown() {
        driver.quit();
    }
}
```

3) W.a.maven program to create TestNG with Webdriver Program.

```
import org.testng.annotations.Test;
import pages.HomePage;
import static org.testng.Assert.assertTrue;

public class GoogleSearchTest extends BaseClass {

    @Test
    public void testGoogleSearch() {
        HomePage home = new HomePage(driver);
        home.goToGoogle();
        home.searchFor("Selenium WebDriver");
        assertTrue(home.resultsDisplayed(), "Search results not displayed!");
    }
}
```