Selenium manual

```java
package newpackage;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
public class Myclas {
 public static void main(String[] args) {
System.setProperty("webdriver.chrome.driver","C:\\Users\\Ashutosh\\Downloads\\chromedriver_win32\\chromedriver.exe");
                    WebDriver driver = new ChromeDriver();

 String baseUrl = "https://www.cdac.in/";
 String expectedTitle = "C-DAC: Centre for Development of Advanced Computing, India";

 String actualTitle = "";
 driver.get(baseUrl);


 actualTitle = driver.getTitle();


     if (actualTitle.contentEquals(expectedTitle)){
System.out.println("Test Passed!");
} else {
System.out.println("Test Failed");
}


     driver.close();

 }

 }


package newpackage;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Myclass {

public static void main(String[] args) {


System.setProperty("webdriver.chrome.driver","C:\\Users\\Ashutosh\\Downloads\\chromedriver_win32\\chromedriver.exe");
```

```java
        WebDriver driver = new ChromeDriver();


            driver.get("https://demoqa.com/automation-practice-form");
             driver.findElement(By.id("firstName"));

            driver.get("https://demoqa.com/automation-practice-form");
            driver.findElement(By.name("gender"));
            driver.get("https://demoqa.com/automation-practice-form");
            driver.findElement(By.className("practice-form-wrapper"));

            driver.get("https://demoqa.com/links");
            driver.findElement(By.linkText("Home"));
                    driver.get("https://demoqa.com/text-box");
            driver.findElement(By.xpath("//input[@id='userName']"));

    driver.close();


            }} }

package newpackage;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.*;
public class Myclass1 {
 public static void main(String[] args) {
// declaration and instantiation of objects/variables


System.setProperty("webdriver.chrome.driver","C:\\Users\\Ashutosh\\Downloads\\chromedriver_win32\\chromedriver.exe");
 WebDriver driver = new ChromeDriver();

 String baseUrl = "http://demo.guru99.com/test/login.html";
 driver.get(baseUrl);

     // Get the WebElement corresponding to the Email Address(TextField)
 WebElement email = driver.findElement(By.id("email"));

// Get the WebElement corresponding to the Password Field  WebElement password =
 driver.findElement(By.name("passwd"));


 email.sendKeys("abcd@gmail.com");
     password.sendKeys("abcdefghlkjl");
 System.out.println("Text Field Set");

// Deleting values in the text box
     email.clear();
     password.clear();
 System.out.println("Text Field Cleared");
```

```java
// Find the submit button
WebElement login = driver.findElement(By.id("SubmitLogin"));

// Using click method to submit form
    email.sendKeys("abcd@gmail.com");
    password.sendKeys("abcdefghlkjl");
login.click();
System.out.println("Login Done with Click");

    //using submit method to submit the form. Submit used on password field driver.get(baseUrl);

    driver.findElement(By.id("email")).sendKeys("abcd@gmail.com");

driver.findElement(By.name("passwd")).sendKeys("abcdefghlkjl");

driver.findElement(By.id("SubmitLogin")).submit();
System.out.println("Login Done with Submit");

                driver.close();
}}

package newpackage;

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

public class Myclass2 {
 public static void main(String[] args) {


System.setProperty("webdriver.chrome.driver","C:\\Users\\Ashutosh\\Downloads\\chromedriver_win32\\chromedriver.exe");
 WebDriver driver = new ChromeDriver();

driver.get("http://demo.guru99.com/test/radio.html"); WebElement  radio1 = driver.findElement(By.id("vfb-7-1"));
WebElement radio2 = driver.findElement(By.id("vfb-7-2"));

//Radio Button1 is selected
    radio1.click();
System.out.println("Radio Button Option 1 Selected");

    //Radio Button1 is de-selected and Radio Button2 is selected
    radio2.click();
System.out.println("Radio Button Option 2 Selected");
// Selecting CheckBox
WebElement option1 = driver.findElement(By.id("vfb-6-0"));

// This will Toggle the Check box
    option1.click();

    // Check whether the Check box is toggled on
```

```java
        if (option1.isSelected()) {
System.out.println("Checkbox is Toggled On");

} else {
System.out.println("Checkbox is Toggled Off");
}

driver.get("http://demo.guru99.com/test/facebook.html");
WebElement chkFBPersist = driver.findElement(By.id("persist_box"));

for (int i=0; i<2; i++) {
chkFBPersist.click ();
System.out.println("Facebook Persists Checkbox Status is - "+chkFBPersist.isSelected());

}
                driver.close();
}}
package newpackage;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.*;
import org.openqa.selenium.support.ui.Select;

public class Myclass3 {
 public static void main(String[] args) {



System.setProperty("webdriver.chrome.driver","C:\\Users\\Ashutosh\\Downloads\\chromedriver_win32\\chromedrive
r.exe");
        String baseURL = "http://demo.guru99.com/test/newtours/register.php";  WebDriver driver
       = new ChromeDriver();
        driver.get(baseURL);

            Select drpCountry = new Select(driver.findElement(By.name("country")));
            drpCountry.selectByVisibleText("ANTARCTICA");

            //Selecting Items in a Multiple SELECT elements
            driver.get("http://jsbin.com/osebed/2");
            Select fruits = new Select(driver.findElement(By.id("fruits")));
            fruits.selectByVisibleText("Banana");
            fruits.selectByIndex(1);
            driver.close();
}
}
package newpackage;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.*;
import org.openqa.selenium.interactions.Action;
```

```java
import org.openqa.selenium.interactions.Actions;

public class Myclass4 {
public static void main(String[] args) {
String baseUrl = "http://www.facebook.com/";
System.setProperty("webdriver.chrome.driver","C:\\Users\\Ashutosh\\Downloads\\chromedriver_win32\\chromedrive
r.exe");
            WebDriver driver = new ChromeDriver();
driver.get(baseUrl);
WebElement txtUsername = driver.findElement(By.id("email"));

Actions builder = new Actions(driver);
Action seriesOfActions = builder
            .moveToElement(txtUsername)
            .click()
            .keyDown(txtUsername, Keys.SHIFT)
            .sendKeys(txtUsername, "hello")
            .keyUp(txtUsername, Keys.SHIFT)
            .doubleClick(txtUsername)
            .contextClick()
            .build();

seriesOfActions.perform() ;
driver.close();

}
}
String baseURL = "http://demo.guru99.com/test/newtours/reservation.php";

 driver.get(baseURL);
 Select passenger = new Select(driver.findElement(By.name("passCount")));
 passenger.selectByVisibleText("2");
 System.out.println("textbox and dropdown Test Passed!"); //radio button
 driver.get("http://demo.guru99.com/test/newtours/reservation.php");  WebElement radiobtn =
driver.findElement(By.name("servClass")); radiobtn.click();
 System.out.println("Radio Button Tested");
 //Selecting Items in a Multiple SELECT elements
 driver.get("http://demo.guru99.com/test/radio.html");  WebElement chk =
driver.findElement(By.id("vfb-6-1")); chk.click();
 System.out.println("checkbox Tested");
 System.out.println("All Test Passed!");
 driver.close();
 driver.quit();
```