**Automation assessment**

**Verify if the Item is added to the List**

@Before Test

System.setProperty(“webdriver.chrome.driver”,” File path of exe”);

Webdriver driver = new ChromeDriver();

driver.manage().window().maximize();

driver.manage().timeouts().pageLoadTimeout(30,TimeUnit.SECONDS);

@Test

driver.get(<https://todomvc.com/examples/angularjs/#/>);

webelement search= driver.findelement(By.xpath(“//input[@class=’new-todo ng-pristine ng-valid ng-touched’]”));

search.sendkeys(“AddList” + “\n”);

String expectedList = “AddList”;

String actualList = driver.findelement(By.className(“ng-binding”)).getText();

Assert.assertEquals(expectedList, actualList);

System.out.println(“Item is added successfully—Assert passed”);

}}

**Verify if the Item is crossed out and verify the counter on the bottom-left**

Webelement complete = driver.findelement(By.xpath(“//input[@type=’checkbox’]”));

complete.click();

Assert.assertEquals(true,complete.isDisplayed());

System.out.println(“Counter is displayed successfully-Assert Passed”);

Webelement list= driver.findElement(By.className(“ng-binding”));

list.getCssValue(“text-decoration-line-through”)

return list;

**Delete a To-Do**

Actions action= new Actions(driver);

action.moveToElement(driver.findelement(By.className(“destroy”)).click().perform();

**Verify element is removed**

List<Webelement> text = driver.findelements(By.xpath(“//\*[contains(text(), ‘AddList’)]

Assert.assertTrue(“Item not found”, text.size()>0);

**Filtering To Do**

List<Webelement> list= driver.findelements(By.className(“main”));

For(int i=0;i<list.size();i++){

System.out.println(list.get(i).getText());

Webelement box = driver.findelement(By.xpath(“//a[@href=’#/active]”));

box.click();

List<Webelement> list1= driver.findelements(By.className(“main”));

System.out.println(“Active Items are : “ +list1.size());

For(int i=0;i<list1.size();i++){

System.out.println(list1.get(i).getText());

Webelement box1 = driver.findelement(By.xpath(“//a[@href=’#/completed]”));

Box1.click();

List<Webelement> list2= driver.findelements(By.className(“main”));

System.out.println(“Completed Items are : “ +list2.size());

For(int i=0;i<list2.size();i++){

System.out.println(list2.get(i).getText());