

```
//setup web driver getting data from html file
System.setProperty("webdriver.chrome.driver","/Users/tparikh/Downloads/chromedriver");
WebDriver web = new ChromeDriver();
web.get("file:///Users/tparikh/Downloads/HW4-UITesting-Files/task1/validation.html");
//clicking the button
```

The UI testing was done by using the Selenium Libraries which linked the testing with the UI of the webpage. The photo above shows how I am using it.

```
//identifying first name and sending the string
WebElement fname = web.findElement(By.id("txtFirstName"));
fname.sendKeys("Tanay");
//identifying last name and sending the string
```

The method finds element by id find the element and then uses the method .send keys to send the string after this is complete. I use the .click method which runs the Javascript code and then finally checks using assertEquals if there were any errors.

```
// clicking the button which runs the javascript code
WebElement validate = web.findElement(By.id("btnValidate"));
validate.click();
WebElement check = web.findElement(By.id("labelNotifytxtFinalResult"));
String val = check.getText();
//checking if it was okay
Assert.assertEquals("OK",val);
```

The fail method works the same way but after the javascript is run it checks for if there are any errors

```
validate.click();
WebElement check = web.findElement(By.id("labelNotifytxtFinalResult"));
String val = check.getText();

Assert.assertEquals("Error",val);
```