**All the below cases should work on IE, Chrome, Safari and Firefox.**

**User can specify browser in the test case sheet in Excel.**

**Sheet 1 will contain test cases and sheet 2 will contain object repository.**

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| **Sl No** | **Topic** | **Program Assignment** |
| 1 | Excel Reading and Selenium Web Driver | **With Framework**  In an excel file there are test cases in sheet1.  Ex. Launch:Chrome: [<URL>](http://www.opencart.com/)  CLICK:signup    signup is the object referring to the web element ‘Sign Up’ as given In the image below    You have to define signup in sheet 2 of excel and list the identifier there ex. Xpath or css or id etc.  Task here is to read test cases from sheet1 and objects from sheet 2.  Then execute the test cases given in sheet 1 using the object identifiers in sheet 2.  I have given only 2 test cases above. But, you have to add more test cases and complete the registration.  Test cases should also contain steps to verify text on all headers.  ex. When the below page opens, you have to verify the presence of “Password”, “Register for an opencart account” text is present. |
| 2 | Selenium Web Driver - Table | **With Framework**  Write a program to verify if user given value is present in html table. Also prints the number of rows and columns in each row.  Ex. VerifyTableText:<table object>: <value or list of values seaparated by <> >  In the given table,    VerifyTableText:table:UAE -> pass  VerifyTableText:table:Japan ->fail  VerifyTableText:\*<>China<>\*<>492m ->pass  VerifyTableText: Clock<>China<>\*<>492m ->fail  VerifyTableText:Burj Khalifa<>UAE<>Dubai - > Pass  “ \* “ means that any value can be present.  Test cases and object identification should be done from Excel sheet 1 and sheet 2. |
| 3 | Selenium Web Driver – Scrolling Screenshot | **With Framework**  Launch any user given website. Scroll to any user given web element at the bottom of the webpage and click on it. Take a screenshot.  Path to save the screenshot should be read from the test cases excel along with the browser name, website and the webelement separated by commas. |
| 4 | Selenium Web Driver – List Box | **With Framework**  Launch any user given website with a list box. Verify if the user given value is the default selected value in the list box. If the user given value is not default, then select the user given value from the list. List box identification should be done from sheet 2. Implement select operation using value Index as well. Also print the number of items in the list. |
| 5 | Selenium Web Driver- Check/Radio | **With Framework**  Launch any user given website.  Verify the state of any user given webelement.  Ex.check:<web element>:<state>  This should pass if the user entered state matches. |
| 6 | Selenium Web Driver- Slider | **With Framework**  Launch any user given website with a slider. The slider should be moved to the X% position of the total length of the slider bar. X can be given by user in the excel.  This should work with vertical and horizontal and vertical slider |