> java -version

L-5

<u>Eclipse installation</u>

- Download from eclipse. or

<u>Section-3</u>

L-6   <u>Element Locators</u>

shop- the testingworld.com

- whatever the object display in webpage is element.

- Eg Image, textbox, button, links, radiobutton etc.

<u>what is element locator</u>

- To locate a element in a webpage uniquely.

- To work with element locator we should see html using firebug a inspect.

Different type of element locators

1. ID
2. Name
3. Class
4. Link
5. CSS
6. Xpath

L-7   Use Selentum IDE to check Locator is correct
       or not

Command   click
    id = email   (facebook.com)

L-8   Element Locator ID

L Target id = cart
L Target id = search

L-9 Element Locator name

L Target name = search   (shop. the testingworld.com)
L Target name = email   (facebook.com)

- Global search box in shop.thetestingworld.com using firebug

Target class = form-control input-lg

Next select button beside on search box

Target class =

Similarly practise with facebook.com

- Only first search element will be highlighted when we have multiple elementents with same value.

1-11 Element Locator - Link

- Can only be used with the hyperlinks

  L Target llnt = About us

- If the element starts with $<a$ ... 17 then it is hyperlink

1-2 Element Locator - CSS

- In css locators we have four different options

Option -1

css = tag with id

  L target css = input # email (FB)
  L target css = div # search (shop)

Option - 2

css = tag with class

  L target css = input - form - control (shop - search)
  L target css = input - inputtext (FB)
  L target css = input - form - control input-lg (shop-search)

Option -3

css = tag with any attribute

Option - 4

css = tag with class with any attribute

(B) L target css=input [type = 'email1']

L target css = input.[tab.name= ( )]

(shop) css = input [placeholder = ' Search 1']

(shop) css = input-form-control-input-1g [placeholder = 'Search]

(A) css = input-inputtext [type ='passcoord1'].

(B) css= select # month

(dropdown list)

css = select.5db9

css= select [title = 'Month 1]

21-may-18-wed

css= select.-5db9 [name = 'birth day - month 1]

L-13

Section -4

Locate element by Xpath (part1)

Group -1

i) Xpath with single attribute
ii) Xpath with multiple attributes
iii) Use * on place of attribut
iv) Use * on place of tag name

i) **Xpath with single attribute**

Target → //input @placeholder = 'Search 1]   (Search button in shop. the testing woorld.com)

-) //button [@id ='button-card!]

(Add cart. button)

in fb → firstname

//input [@ arial-label = 'firstname']

ii) Xpath with multiple attributes

in fb

//input[@arial-label ='Firstname' or@name = 'firstname']
and

in shop

- textbox before Add button

//input[@ class = 'form-control] or@name = 'quantity']

iii) Use * on place of attribute

// input [@ * = 'First name' and @* = 'firstname']

iv) Use * on place of attribute tag name

//*[@ * = 'First name' and @ * = 'firstname']

L-14   Locate element by Xpath (part2)

Group -2

i) Xpath with inner text
ii) Xpath with inner text (contains)
iii) Xpath with inner text (not contains)
iv) Xpath with inner text (start-with)

i) xpath with inner text

Example:1 in fb

why do I need to provide my date of birth?

//a[text()= 'Why do I need to provide my date of birth?!']

ii)

Eg:2   for dynamic content ⟶

//a[contains(text(), 'Why do I need to')]

iii) //a[not(contains(text(), 'why do I need to'))]

iv) //a[starts-with(text(), 'why do I')]

L-15   Locate element by Xpath (part 3)

Group 3

i) Multiple Xpath for same element

ii) Dynamic Xpath using contains

i)   in fb email

//input[@id ='email'] | //input[@id = 'email-c']

ii)   in fb email

//input[contains(@id, 'cmd')]

L-16   Locate element by xpath (part-4)

Group-4

i) Locate element through its parent

ii) Locating element through its child

(in fb email)

i) //table [@role = 'presentation'] /tbody /tr [2] /td /input

(in fb email)

ii) //input [@id = 'email'] /parent::td /~~[past][td]~~ parent::tr /
parent::tbody /parent::table

L-17   Locate element by xpath (part-5)

Group-5

Locating elements through siblings

i) Birthday in fb

// select [@id= 'month'] /preceding-sibling::select

// select [@id = 'month'] /following-sibling::select

in fb email

//input [@id='email'] /parent:: td /following-sibling::td
/input