\*\*\*\*\*\*\*\*\*Selenium CLass02\*\*\*\*\*\*\*\*\*\*\*

------------------------HTML----------------

All the webapplication

are developed using Html.

HTML---->

tags:

<html>

<body>

<button> heelo </button>

</body>

</html>

---------------------WebElement-----------------

WebElement:

Anything you see on website is called a webElement

Some common WebElements:

1.Text Boxes

2.Radio Buttons

3.CheckBoxes

4.Calendars

5.Drop Downs

6.Tables

-------------------------Atrributes----------------:

<button>My button</button>

text is written between the opening and closing tags.

<button class="abc" ,id= "Butn">my button </button>

what ever we have inside the tag is called attribute

what is the value of the attribute class---> answer: "abc"

what is the value of the attribute id --> answer: "Butn"

----------------------------Locators----------------------------------

Locators:

locators help us find a particular webElement on the page

- ID

- Name

- ClassName

- linktext

- partialLinkText

- Tagname

- xpath

- CSS Selector

the purpose of having multiple locators is because

some tags might not have an id (u can use another locator)

two webElements have a common locator (e.g <input id="box" ,name="textbox"/>

, <input id="box",class= "btn" )

----------------------------------DOM-------------------------

What is DOM?

DOM stands for Document Object Model. It is the browser's

internal view of the webpage.

Also called as Developer's tools, or Dev tools

Document --> can be stored any document as pdf, excel

Object --> any line in HTML is considered as Object

Model --> it is just a layout of the HTML

--------------------------anchor tag---------

<a> --> anchor tag

usually the links are placed in this tag

if there is a text in the <a > tag then u can use linktext locator

--------------------------NOSUCH ELEMENT EXCEPTION---------

NOSUCH ELEMENT EXCEPTION:

occurs when the Driver is unable to find the element on the page

1.the locator is wrong

2.the element is not on that page.

-----------Duplicate Values of attributes---------

<input id="box" ,name="Username"/> -->Username Box

<input id="box",class= "password"/> -->Password Box

for the sake of example:

driver.findElement(By.id("box")).sendKeys("heelo");

driver is going to go in the DOM from top to botton , the first tag with id box will be picked and

keys will be sent to that.

--------------------------HW-----------------------

navigate to https://parabank.parasoft.com/parabank/register.htm;jsessionid=B8DD31FF0AFEDBDF4454B27BBC5C05B0%22

fill out the form

click on register

close the browser

navigate to fb.com

click on create new account

fill up all the textboxes

click on sign up button

close the pop up

close the browser

-------------------------------RECAP--------------------------------

1.locators--> id,name,class,partialLinkText, linktext

2.linktext--->only when we have a link tag <a> and it has some text

3.partail and link text --> using partial u can enter just a part of the text

4.if there is numbers in the value of the locators .. should u use it? (avoid it)

5.No such element element -->1.the locator is wrong, 2. the element is on the page

6 send the text and perform click operation