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## WebElement Commands Continuation.....

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### Get Text

- GetText () function gets the text of an element.
- Return type of GetText function is string.

```
package webElementCommands;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Get_Text {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://demo.actitime.com/login.do");

        WebElement credentials = driver.findElement(By.id("demoTooltipContainer"));
        String text = credentials.getText();

        System.out.println(text);
        driver.close();
    }
}
```

### Get Tag Name

- This function returns the tag name of the web element.
- Return type is String.

```
package webElementCommands;

import org.openqa.selenium.By;

public class Get_tagName {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://demo.actitime.com/login.do");

        WebElement username = driver.findElement(By.id("username"));
        String tagNameOfUserNameTextBox = username.getTagName();

        System.out.println("Tag name of username text box is: "+tagNameOfUserNameTextBox);
        driver.close();
    }
}
```

### Get Location

- Get location function returns the co-ordinates values of web element.
- Return type of get location function is POINT.

- In order to get the X and Y co-ordinates from the POINT object, we use the below methods. Return type of below methods is INT.
  1. GetX ()
  2. GetY ()
- When calling the get location function. Make sure, you are importing the below package.

```
import org.openqa.selenium.Point;
```

- Program to get the co-ordinates values?

```
package webElementCommands;

import org.openqa.selenium.By;
import org.openqa.selenium.Point;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Get_location {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("http://www.facebook.com");
        WebElement em = driver.findElement(By.id("email"));

        Point p = em.getLocation();
        int X_CoOrdinates = p.getX();
        int Y_CoOrdinates = p.getY();

        System.out.println("X coordinate (in pixels): " + X_CoOrdinates);
        System.out.println("Y coordinate (in pixels): " + Y_CoOrdinates);

        driver.close();
    }
}
```

## Get Size

- Get size function gets the height and width of the web element.
- Return type of get size function is DIMENSION.
- In order to get the height and width from the dimension object. We use the following method.
- Return type of the below methods is INT.
  1. getHeight ()
  2. getWidth ()
- When using this method, make sure, you are importing the below package.

```
import org.openqa.selenium.Dimension;
```

Program to get the size of the web element?

```

package webElementCommands;

import org.openqa.selenium.By;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Get_size {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("http://www.facebook.com");
        WebElement em = driver.findElement(By.id("email"));

        Dimension size = em.getSize();
        int height = size.getHeight();
        int width = size.getWidth();

        System.out.println("Height of the web element is: " + height);
        System.out.println("Width of the web element is: " + width);

        driver.close();
    }
}

```

## Submit

- Submit function is a special function provided by the selenium to submit the forms.
- This function clicks on the button which is developed with in the form tag "<form>" and with the type property submit.

```

package webElementCommands;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Submit {
    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("http://www.facebook.com");

        WebElement userName = driver.findElement(By.id("email"));
        WebElement passWord = driver.findElement(By.id("pass"));
        WebElement loginButton = driver.findElement(By.id("loginbutton"));

        userName.sendKeys("kspramod13@gmail.com");
        passWord.sendKeys("ftewdvhavscbmnc5657");
        loginButton.submit();

        driver.close();
    }
}

```

Note: If you try to click on the element which is not inside the form tag. We get the below exception.

```

org.openqa.selenium.NoSuchElementException: no such element: Element was not in a form, so could not submit.
(0.3396.99)

```