Functions of WebElements
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1. **isSelected()**

   ● This command only works on input elements such as radio buttons,
     checkboxes, select options, and menu items.
   ● It is used to determine if an element is selected or not on the webpage.
   ● If the specified element is selected then the value returned is true.
   ● If not, the value returned is false.

2. **isDisplayed()**

   ● The isDisplayed method in Selenium verifies if a certain element is present
     and displayed on a webpage or not.
   ● If the element is displayed then the value returned is true.
   ● If not, then the value returned is a NoSuchElementFound exception.

3. **isEnabled()**

   ● This Selenium command verifies if an element is enabled on the web page or
     not.
   ● If the element is enabled then it returns a true value.
   ● If not, it returns a false value.

Note : all above methods return boolean value, that is either true or false.

E.x

```java
package testJava;

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

public class aclass
{
        public static void main(String[]args) throws InterruptedException
        {
                System.setProperty("webdriver.chrome.driver",
"/Users/amitparate/Downloads/chromedriver");

                WebDriver driver = new ChromeDriver();
                driver.get("https://www.ironspider.ca/forms/checkradio.htm");

                WebElement red = driver.findElement(By.xpath("//input[@value = 'red']"));
```

```java
boolean displayresult = red.isDisplayed();
if(displayresult == true){
        System.out.println("Element is displayed");
        red.click();
}
else{
        System.out.println("Element is not displayed");
}

boolean result = red.isSelected();
if(result == true){
        System.out.println("Element is selected");
}
else{
        System.out.println("Element is not selected");
}

boolean result2 = redbutton.isEnabled();
if(result2 == true)
{
        System.out.println("element is enabled");

}else
{
        System.out.println("element is disabled");
}

    }
}
```