

## **Software Testing and Quality Assurance**

### **Assignment 3**

### **Locator**

**Aim:** The aim of locators in Selenium WebDriver is to identify and interact with web elements on a webpage.

**Theory:**

Locators are essential in web automation for identifying and interacting with HTML elements. Selenium WebDriver provides various types of locators, each with specific use cases. Understanding these locators and when to use them is crucial for building reliable and maintainable automated tests.

**Code:**

```
package siddhipractical;
import java.util.Scanner;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class selproject {

    static WebDriver webDriver;
    public static void main(String[] args) throws Exception {
        // Locator ----> name, class name
        System.setProperty("webdriver.chrome.driver", "C:\\siddhi\\chromedriver-win64\\chromedriver-win64\\chromedriver.exe"); // 1 Line
        webDriver = new ChromeDriver();
        System.out.println("Siddhi Kotre");
        webDriver.get("https://opensource-demo.orangehrmlive.com/");
        Thread.sleep(5000);
        webDriver.findElement(By.name("username")).sendKeys("Admin");
        Thread.sleep(2000);
        webDriver.findElement(By.name("password")).sendKeys("admin123");
        Thread.sleep(2000);
        webDriver.findElement(By.className("oxd-button")).click();
        Thread.sleep(5000);
        webDriver.quit();
    }
}
```

**Output:**



