ScreenShots On Failure TestCase Concepts

```java
package screenShots;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.ITestResult;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.Test;

import library.Reusability;

public class ScreenShotDemo {
	WebDriver driver;

	@Test
	public void Browser() throws Exception {
		System.setProperty("webdriver.chrome.driver",
		"D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");
	driver = new ChromeDriver();

	driver.get("https://www.easycalculation.com/");
	driver.manage().window().maximize();

	driver.findElement(By.xpath("(//span[contains(.,'Sign in')])[2]")).click();
	}

	@AfterMethod
	public void tearDown(ITestResult result)
	{
		if (ITestResult.FAILURE == result.getStatus())
		{
			Reusability.capturedScreenShot(driver, result.getName());
		}
		driver.quit();
	}
}
```

Create Library for reusability

```java
package library;

import java.io.File;
import org.apache.commons.io.FileUtils;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;

public class Reusability {

    public static void capturedScreenShot(WebDriver driver, String screenShotName)
    {

    try {
        TakesScreenshot ts = (TakesScreenshot) driver;
        File source = ts.getScreenshotAs(OutputType.FILE);
FileUtils.copyFile(source, new File("./ScreenShots/" + screenShotName + ".png"));
            System.out.println("Captured ScreenShot - By Selenium WebDriver");

            } catch (Exception e) {
        System.out.println("Exception While Taking Screen Shot" + e.getMessage());
            }
        }
}
```