**Selenium Class**

# Chapter#19 - Screenshot

1. Page Screenshot
2. Element Screenshot

In Selenium, taking screenshots is a useful feature for capturing the state of the web page during automated testing or troubleshooting. Selenium provides a way to capture screenshots of the entire web page or specific elements within the page.

## Page Screenshot

Use the getScreenshotAs method provided by the WebDriver to capture a screenshot of the entire web page. The method returns a File object containing the screenshot.

**File screenshotFile = ((TakesScreenshot) driver).getScreenshotAs(OutputType.FILE);**

Save the File object containing the screenshot to a specific location on your local machine.

**String destinationFilePath = "/path/to/save/screenshot.png";**

**FileUtils.copyFile(screenshotFile, new File(destinationFilePath));**

**Note:** You may need to use the FileUtils class from the Apache Commons IO library to copy the file.

## Element Screenshot

If you want to capture a screenshot of a specific element on the page, you can use the getScreenshotAs method on the WebElement.

**File elementScreenshotFile = element.getScreenshotAs(OutputType.FILE);**

Save the File object containing the screenshot to a specific location on your local machine.

**String destinationFilePath = "/path/to/save/screenshot.png";**

**FileUtils.copyFile(screenshotFile, new File(destinationFilePath));**

**Note:** You may need to use the FileUtils class from the Apache Commons IO library to copy the file.