**Screenshot**

To take screenshot using selenium webdriver, we need to type cast driver object to Takes Screenshot **interface**.

**🡪 ((TakesScreenshot) driver)**

Then we need call function **getscreenshotAs();** there we need to pass the argument

**🡪Outputtype. FILE**

This method will return object of type

🡪FILE.

ie File src= (TakesScreenshot) driver). getscreenshotAs (Output Type.FILE)

When this will execute, it will take screenshot, but it will be available inside temporary memory

- To store screenshot in local drive (desired location ), we need to call a method

i-e. copy file () which is present inside FileHandler class.

🡪FileHandler.copy (src, newfile("destinati path"));

Screenshot eg🡪

**package** ScreenShot;

**import** java.io.File;

**import** java.io.IOException;

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.io.FileHandler;

**public** **class** Screenshoteg1 {

**public** **static** **void** main(String[] args) **throws** InterruptedException, IOException {

System.*setProperty*("webdriver.chrome.driver", "F:\\Velocity\\May-2021 Class\\test2\\chromedriver\_win32 (1)\\chromedriver.exe");

WebDriver driver= **new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://en-gb.facebook.com/");

Thread.*sleep*(1000);

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

//((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE)

System.***out***.println(source);

File dest= **new** File("F:\\Velocity\\May-2021 Class\\Java\\Screenshot eg\\fbimage.png");

FileHandler.*copy*(source, dest);

}

}

Screenshot eg2🡪

**package** ScreenShot;

**import** java.io.File;

**import** java.io.IOException;

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.io.FileHandler;

**import** net.bytebuddy.utility.RandomString;

**public** **class** Screenshoteg2 {

**public** **static** **void** main(String[] args) **throws** InterruptedException, IOException {

System.*setProperty*("webdriver.chrome.driver", "F:\\Velocity\\May-2021 Class\\test2\\chromedriver\_win32 (1)\\chromedriver.exe");

WebDriver driver= **new** ChromeDriver();

driver.manage().window().maximize();

driver.get("https://en-gb.facebook.com/");

Thread.*sleep*(1000);

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

//((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE)

System.***out***.println(source);

String str=RandomString.*make*(3);//to add random string this will avoid overrwriting of file

File dest= **new** File("F:\\Velocity\\May-2021 Class\\Java\\Screenshot eg\\fbimage"+str+".png");

FileHandler.*copy*(source, dest);

}

}