

6. Screenshots and Browser profiles

1. Screenshots

- Open Eclipse
- Convert web driver object to TakeScreenshot
- Call getScreenshotAs method to create image file
- Copy file to desire location

1.1 Convert web driver object to TakeScreenshot

- Syntax : TakesScreenshot scrShot = (TakesScreenshot)driver;

1.2 Call getScreenshotAs method to create image file

- Syntax: File srcFile = scrShot.getScreenshotAs(OutputType.FILE);

1.3 Copy file to desire location

- Syntax: FileUtils.copyFile(source, filePath);

Open Eclipse and write the code given below:

```
package com;
import java.io.File;
import java.io.IOException;
import org.openqa.selenium.By;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import com.google.common.io.Files;

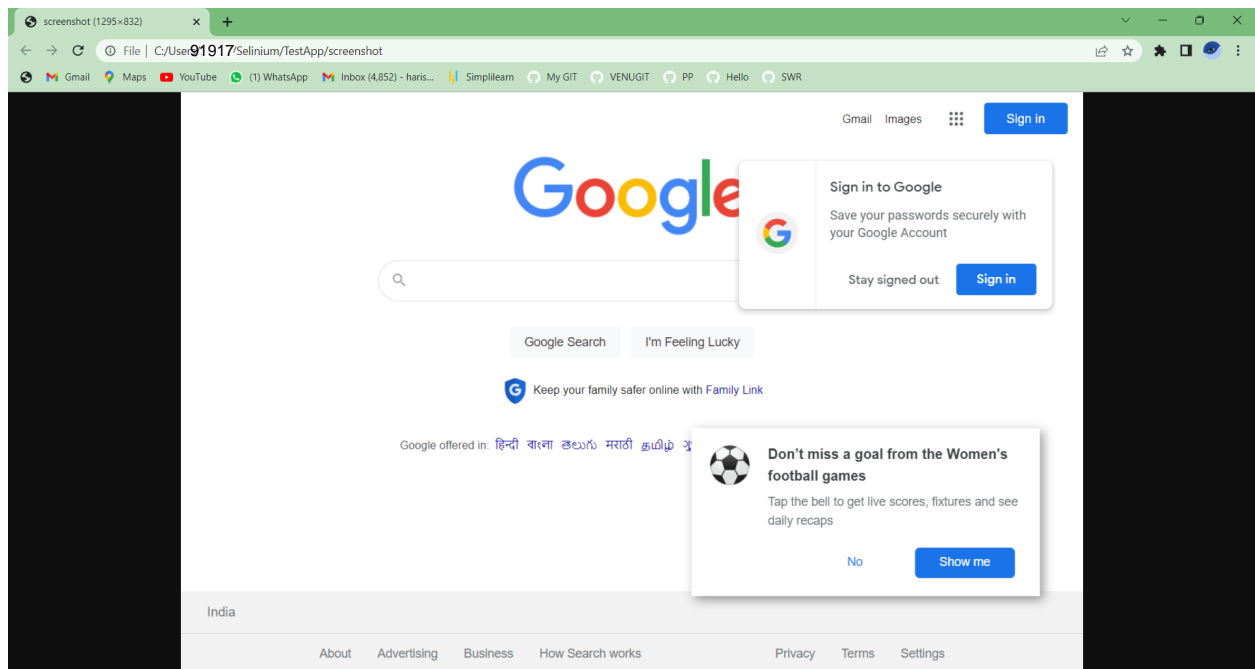
public class Screenshots {
    public static void main(String[] args) throws IOException {
        WebDriver driver = new ChromeDriver();
        driver.get("https://www.google.com");
        TakesScreenshot ts = (TakesScreenshot) driver;
        File scr = ts.getScreenshotAs(OutputType.FILE);
        Files.copy(scr, new File("./screenshot"));
        System.out.println("screenshot successfully captured");
    }
}
```

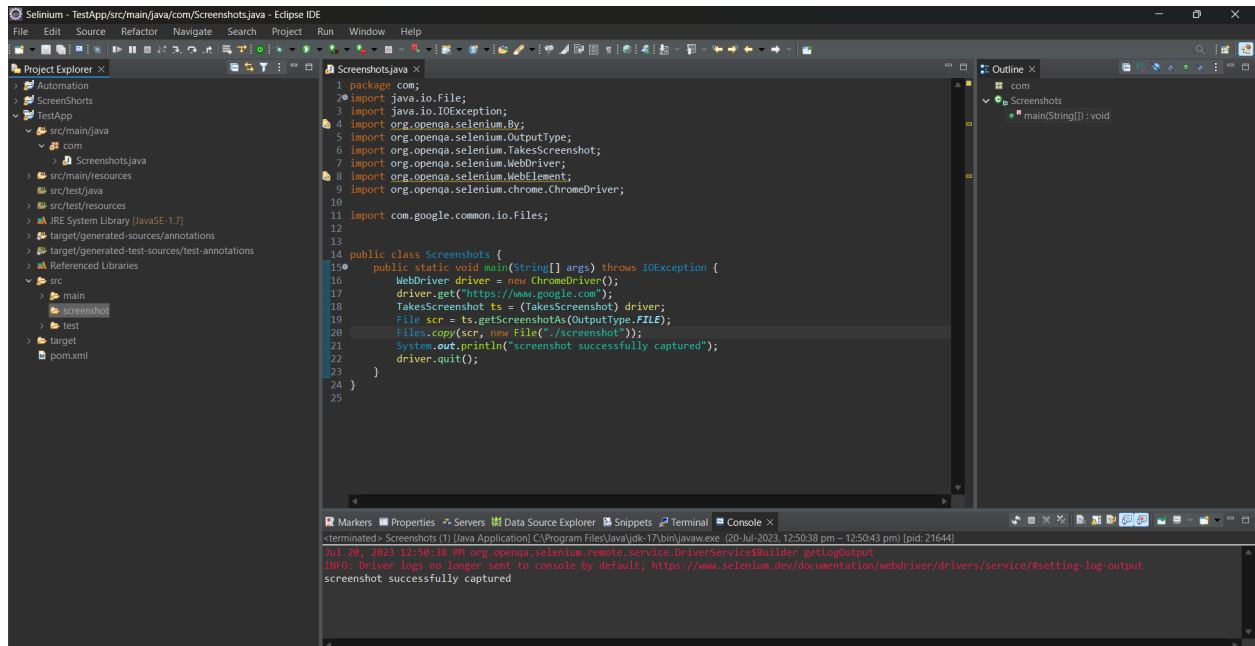
```
}  
    driver.quit();  
}
```

2. Running the code

- Run the code through eclipse.

Screenshot captured





Pushing the code to your GitHub repositories : -

- Open your folder where the Project . And then click the right button to open the git bash command prompt.
- Before that, open the github and create a new repository.
- Initialize your repository using the following command:

git init

- Add all the files to your git repository using the following command:

git add .

- To check the status of the repository use the below command:

git status

- Commit the changes using the following command:

git commit . -m "Changes have been committed."

- To add the files to the repository use the (URL) from the github and use the command;

git remote add origin <url>

- Push the files to the folder you initially created using the following command:

git push origin master.

3. Browser profiles:

- First of all, close the Firefox if it is opened.
- Open Run (Windows+R) and type firefox.exe -p and click OK.
- A dialogue box will open with named 'Firefox -choose user profile'.

- Select option 'Create Profile' from the window, and a Wizard will open, click on Next.
- Provide your profile name which you want to create and click on Finish button.

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