PHASE 2   EMP ID: 2587325
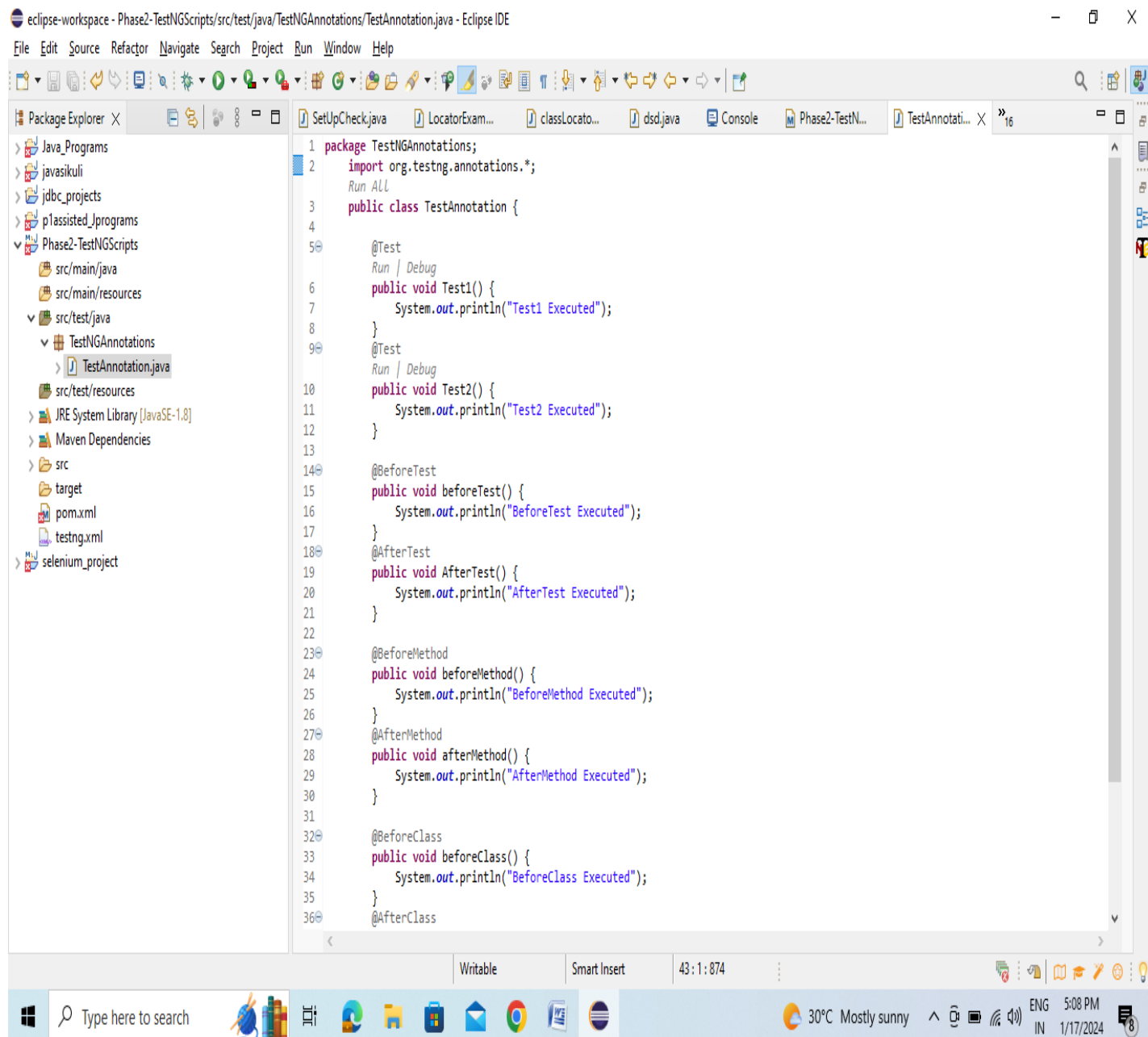
ASSISTED PRACTICE PROJECTS   NAME: HIRANMAI

1. Perform All Test Annotations

eclipse-workspace - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer X

- Java_Programs
- javasikuli
- jdbc_projects
- p1assisted_Jprograms
- Phase2-TestNGScripts
  - src/main/java
  - src/main/resources
  - src/test/java
    - TestNGAnnotations
      - TestAnnotation.java
  - src/test/resources
  - JRE System Library [JavaSE-1.8]
  - Maven Dependencies
  - src
  - target
  - pom.xml
  - testng.xml
- selenium_project

SetUpCheck.java   LocatorExam...   classLocato...

`<terminated> TestAnnotation [TestNG] C:\Users\GVH\.p2\pool\plugins\org.`

```
[RemoteTestNG] detected TestNG version 7.7.1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementa
SLF4J: See https://www.slf4j.org/codes.html#noProviders fo
BeforeTest Executed
BeforeClass Executed
BeforeMethod Executed
Test1 Executed
AfterMethod Executed
BeforeMethod Executed
Test2 Executed
AfterMethod Executed
AfterClass Executed
AfterTest Executed
PASSED: TestNGAnnotations.TestAnnotation.Test1
PASSED: TestNGAnnotations.TestAnnotation.Test2

===============================================
    Default test
    Tests run: 2, Failures: 0, Skips: 0
===============================================



===============================================
Default suite
Total tests run: 2, Passes: 2, Failures: 0, Skips: 0
===============================================
```

Outline   **Results of running class TestAnnotation** X

Search: Passed: 2   Failed: 0   Skipped: 0   ests: 1/1 Methods: 2 (863 ms)

All Tests   Failed Tests   Summary

- Default suite (2/0/0/0) (0.022 s)
  - Default test (0.022 s)
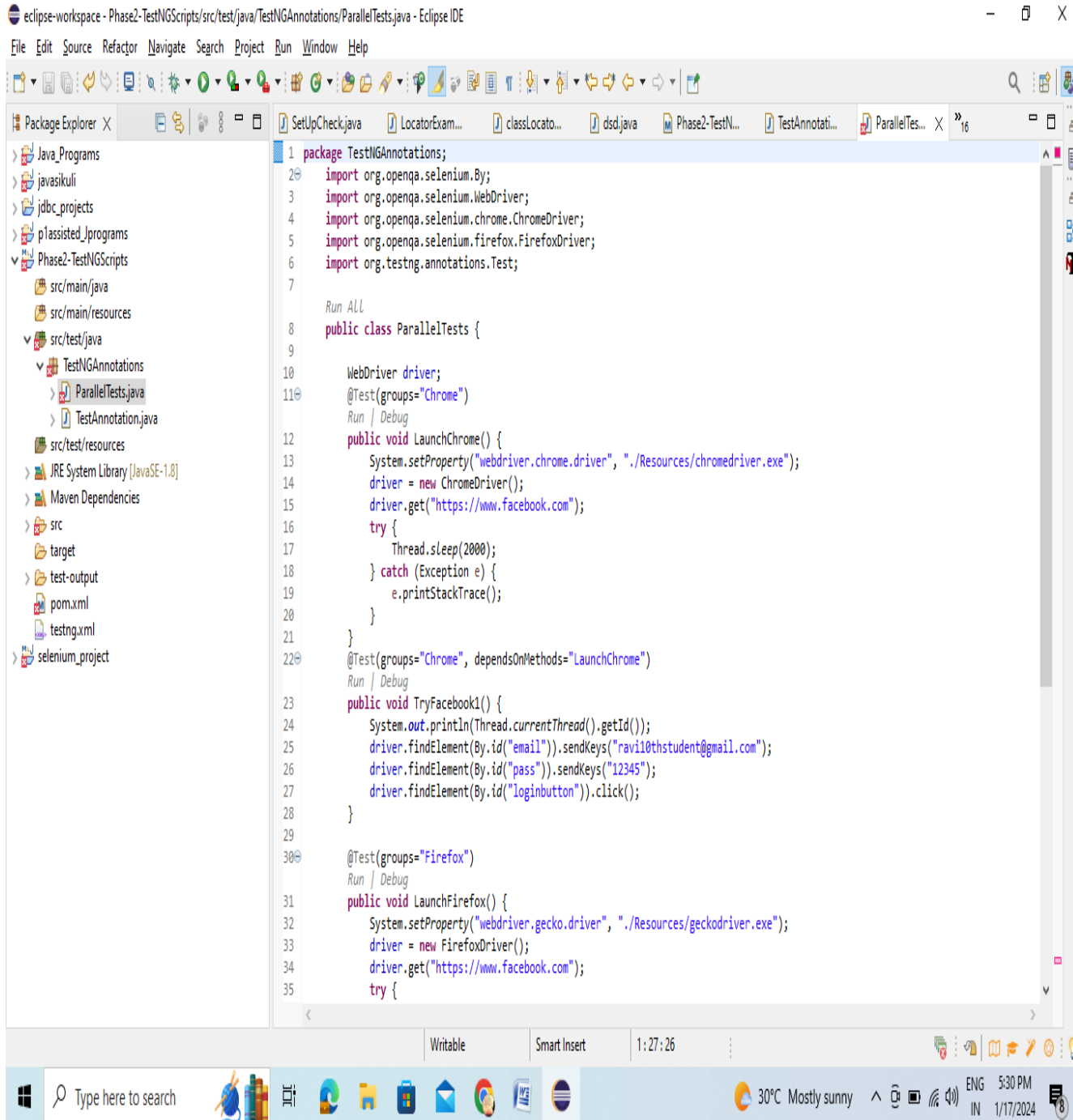   - TestNGAnnotations.TestAnnotation
      - Test1 (0.012 s)
      - Test2 (0.01 s)

Failure Exception

Type here to search

30°C Mostly sunny   ENG IN   5:08 PM 1/17/2024

2. Group Test Cases and Parallel Test Execution
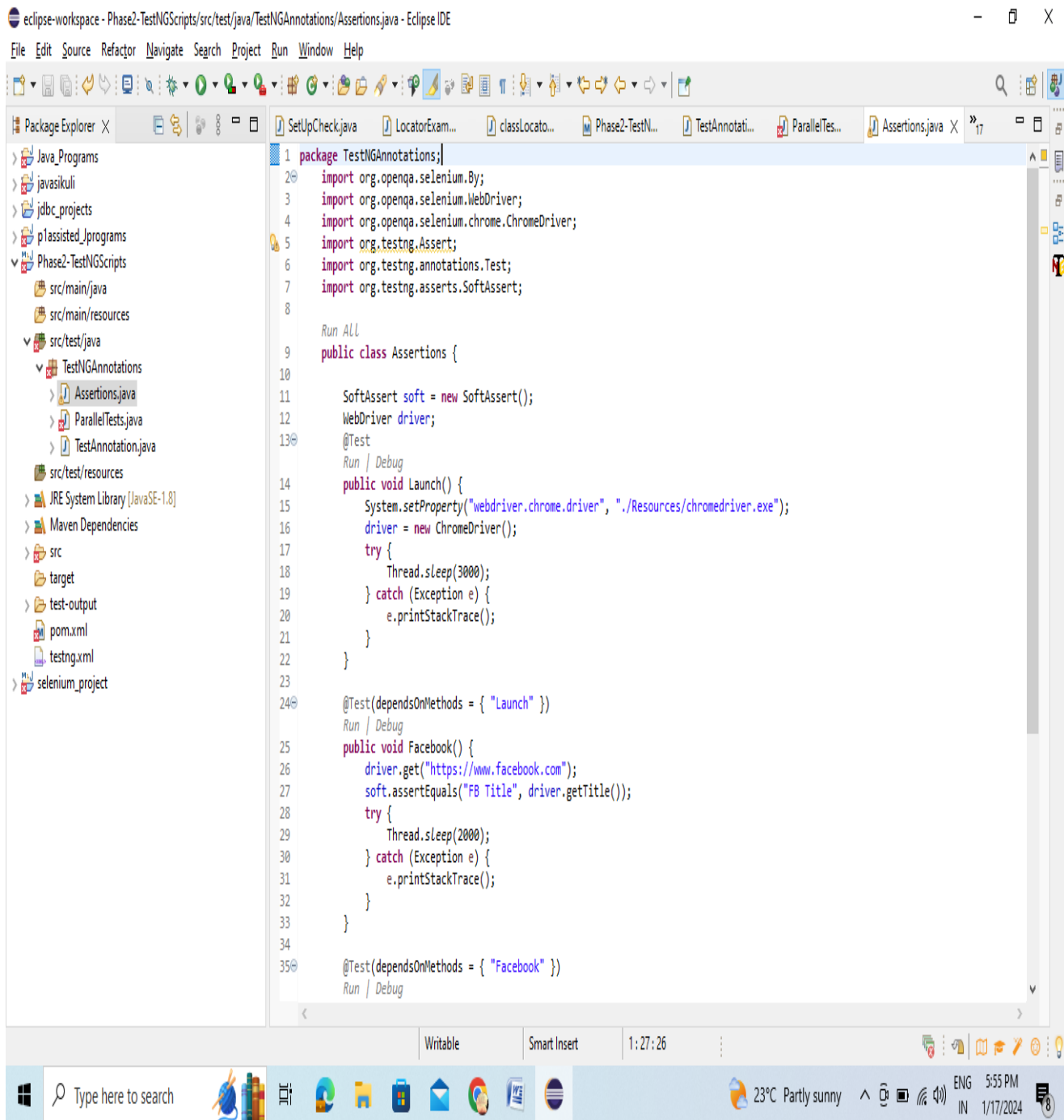

```java
package TestNGAnnotations;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.testng.annotations.Test;


// Run All
public class ParallelTests {

    WebDriver driver;
    @Test(groups="Chrome")
    // Run | Debug
    public void LaunchChrome() {
        System.setProperty("webdriver.chrome.driver", "./Resources/chromedriver.exe");
        driver = new ChromeDriver();
        driver.get("https://www.facebook.com");
        try {
            Thread.sleep(2000);
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
    @Test(groups="Chrome", dependsOnMethods="LaunchChrome")
    // Run | Debug
    public void TryFacebook1() {
        System.out.println(Thread.currentThread().getId());
        driver.findElement(By.id("email")).sendKeys("ravi10thstudent@gmail.com");
        driver.findElement(By.id("pass")).sendKeys("12345");
        driver.findElement(By.id("loginbutton")).click();
    }

    @Test(groups="Firefox")
    // Run | Debug
    public void LaunchFirefox() {
        System.setProperty("webdriver.gecko.driver", "./Resources/geckodriver.exe");
        driver = new FirefoxDriver();
        driver.get("https://www.facebook.com");
        try {
```

3. Evaluating Test Cases

4. Reports Using Extent Reports


```java
package TestNGAnnotations;

import java.io.File;
import org.testng.Assert;
import org.testng.ITestResult;
import org.testng.SkipException;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import com.relevantcodes.extentreports.ExtentReports;
import com.relevantcodes.extentreports.ExtentTest;
import com.relevantcodes.extentreports.LogStatus;

Run All
public class ExtentReportsClass{
    Extenteports extent;
    ExtentTest logger;
    @BeforeTest
    public void startReport(){
    //ExtentReports(String filePath,Boolean replaceExisting)
    //filepath - path of the file, in .htm or .html format - path where your report needs to generate.
    //replaceExisting - Setting to overwrite (TRUE) the existing file or append to it
    //True (default): the file will be replaced with brand new markup, and all existing data will be lost. Use this option to create
    //False: existing data will remain, new tests will be appended to the existing report. If the supplied path does not exist, a new
    extent = new ExtentReports (System.getProperty("user.dir") +"/test-output/STMExtentReport.html", true);
    //extent.addSystemInfo("Environment","Environment Name")
    extent
            .addSystemInfo("Host Name", "SoftwareTesting")
            .addSystemInfo("Environment", "Automation Testing")
            .addSystemInfo("User Name", "TestEngineer");
            //loading the external xml file (i.e., extent-config.xml) that was placed under the base directory
            //You could find the xml file below. Create xml file in your project and copy paste the code mentioned below
            extent.loadConfig(new File(System.getProperty("user.dir")+"\\extent-config.xml"));
    }
    @Test
    Run | Debug
    public void passTest(){
```

5. Exporting Reports in Excel .

6.