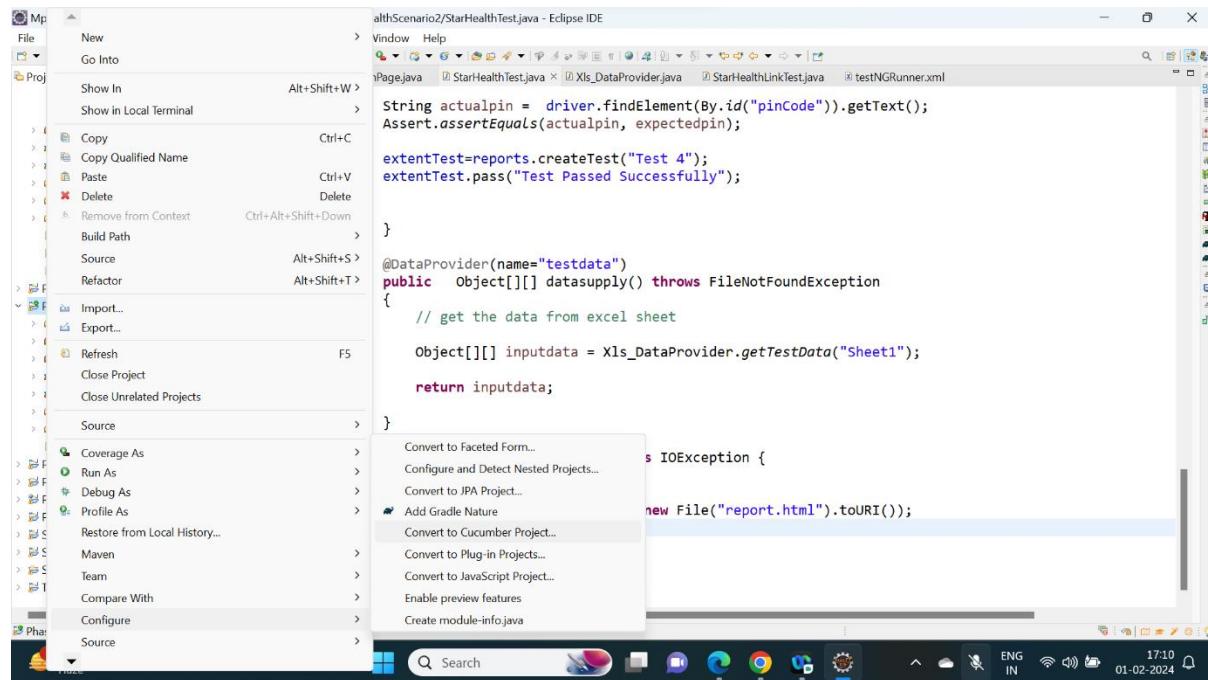
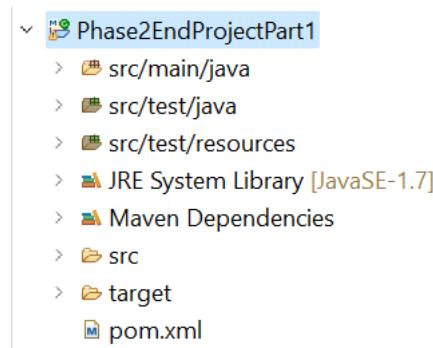


Phase-2 End Project

Phase-2 End Project part1:

Step 1:

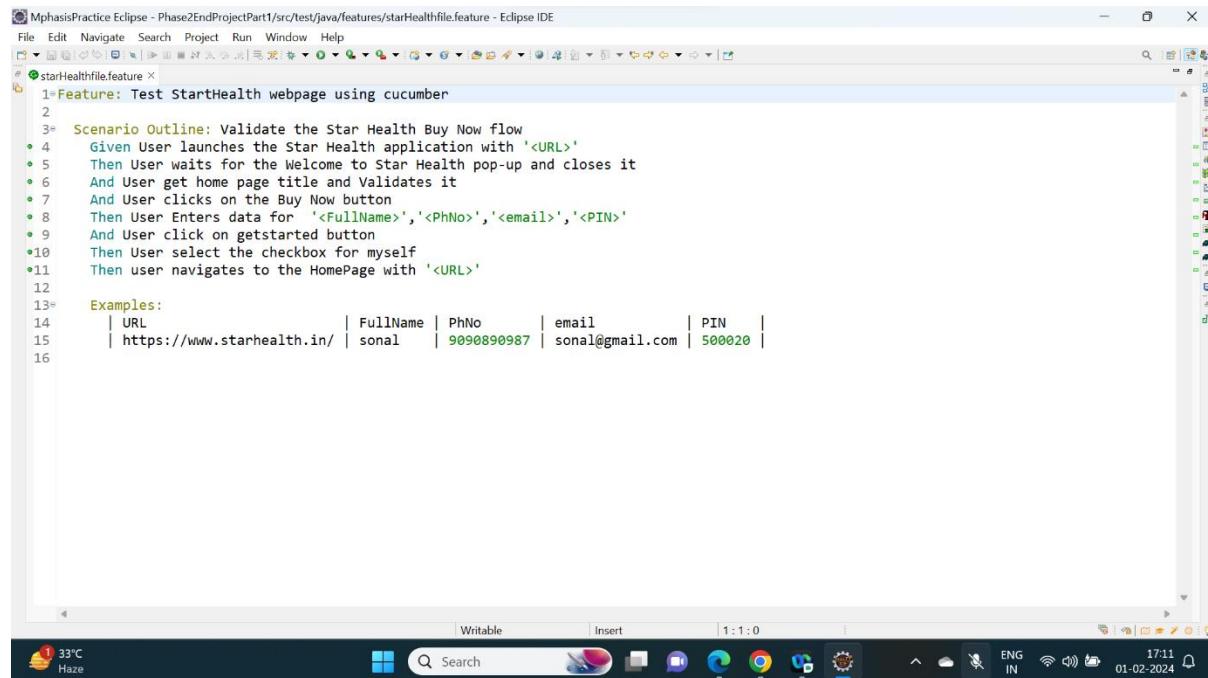
Create project and add dependencies and save the pom.xml file



Phase-2 End Project

Step 2:

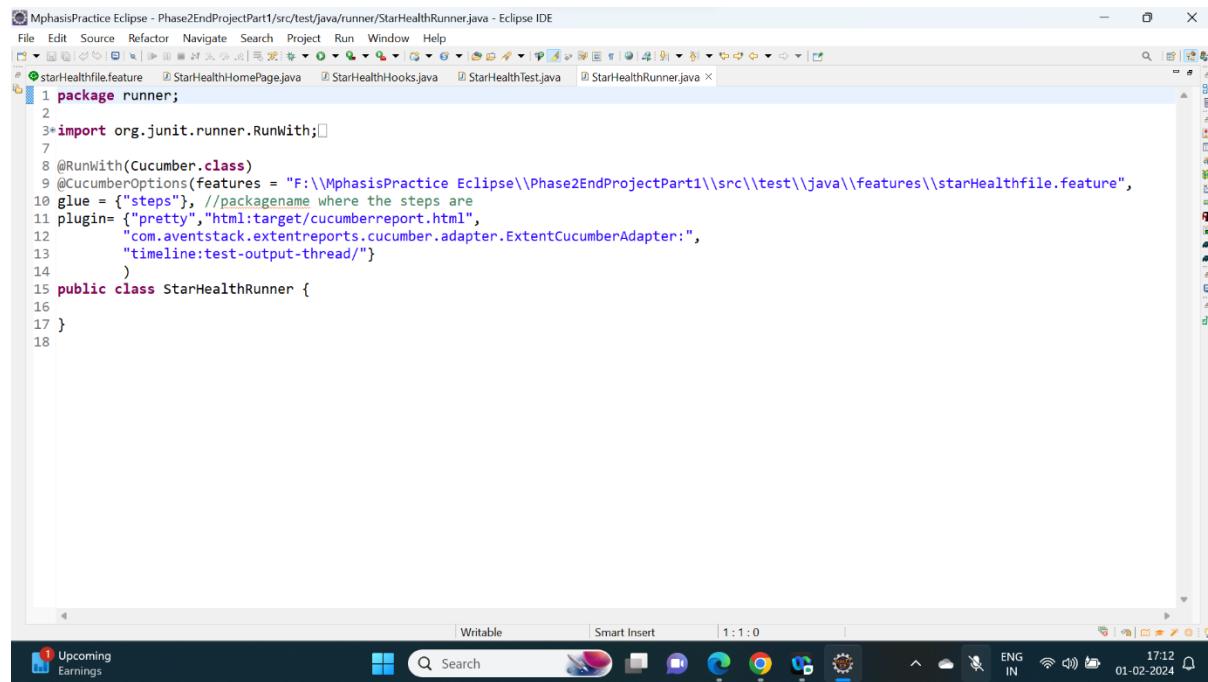
Create Package features and in the package create starhealth.feature file and add below code.



```
1 Feature: Test StartHealth webpage using cucumber
2
3 Scenario Outline: Validate the Star Health Buy Now flow
4   Given User launches the Star Health application with '<URL>'
5   Then User waits for the Welcome to Star Health pop-up and closes it
6   And User get home page title and Validates it
7   And User clicks on the Buy Now button
8   Then User Enters data for '<FullName>', '<PhNo>', '<email>', '<PIN>'
9   And User click on getstarted button
10  Then User select the checkbox for myself
11  Then user navigates to the HomePage with '<URL>'
12
13 Examples:
14   | URL           | FullName | PhNo      | email        | PIN      |
15   | https://www.starhealth.in/ | sonal    | 9090890987 | sonal@gmail.com | 500020 |
16
```

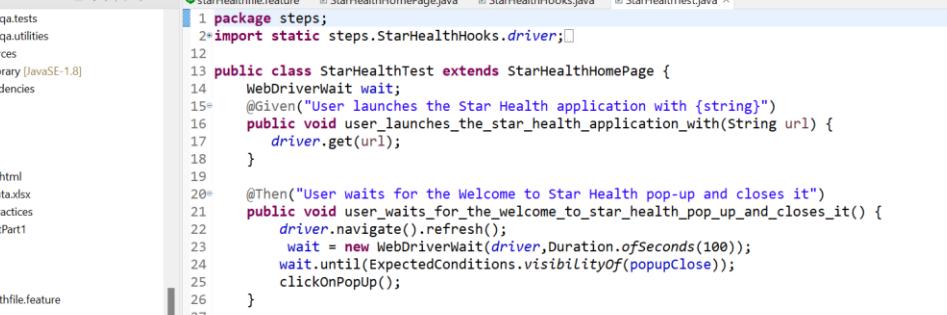
Step 3:

Create steps package and add below all classes and write the test code.



```
1 package runner;
2
3 import org.junit.runner.RunWith;
4
5 import org.openqa.selenium.WebDriver;
6
7 import io.cucumber.junit.Cucumber;
8 import io.cucumber.junit.CucumberOptions;
9
10 @RunWith(Cucumber.class)
11 @CucumberOptions(features = "F:\\MphasisPractice Eclipse\\Phase2EndProjectPart1\\src\\test\\java\\features\\starHealthfile.feature",
12     glue = {"steps"}, //packagename where the steps are
13     plugin= {"pretty","html:target/cucumberreport.html",
14               "com.aventstack.extentreports.cucumber.adapter.ExtentCucumberAdapter:",
15               "timeline:test-output-thread/"})
16
17 public class StarHealthRunner {
18 }
```

Phase-2 End Project



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer View:** Shows the project structure with files like starHealthfile.feature, StarHealthHomePage.java, StarHealthHooks.java, and StarHealthTest.java.
- Code Editor View:** Displays the Java code for StarHealthTest.java, which includes steps for launching the application, waiting for a pop-up, validating the home page title, and clicking a buy now button.
- Bottom Status Bar:** Shows the status bar with "Writable", "Smart Insert", "1:1:0", and system icons.
- Bottom Taskbar:** Shows the taskbar with icons for Upcoming Earnings, Search, and various applications.

```
1 package steps;
2 import static steps.StarHealthHooks.driver;
3
4 public class StarHealthTest extends StarHealthHomePage {
5     WebDriverWait wait;
6     @Given("User launches the Star Health application with {string}")
7     public void user_launches_the_star_health_application_with(String url) {
8         driver.get(url);
9     }
10
11     @Then("User waits for the Welcome to Star Health pop-up and closes it")
12     public void user_waits_for_the_welcome_to_star_health_pop_up_and_closes_it() {
13         driver.navigate().refresh();
14         wait = new WebDriverWait(driver, Duration.ofSeconds(10));
15         wait.until(ExpectedConditions.visibilityOf(popupClose));
16         clickOnPopUp();
17     }
18
19     @Then("User get home page title and Validates it")
20     public void user_get_home_page_title_and_validates_it() {
21         String actualtitle=driver.getTitle();
22         String expectedtitle="Star Health Insurance: Medical, Accident and Travel insurance policies";
23         System.out.println(actualtitle);
24         Assertions.assertEquals(actualtitle, expectedtitle);
25     }
26
27     @Then("User clicks on the Buy Now button")
28     public void user_clicks_on_the_buy_now_button() {
29         clickOnBuyNow();
30     }
31
32     @Then("User clicks on the Buy Now button")
33     public void user_clicks_on_the_buy_now_button() {
34         clickOnBuyNow();
35     }
36
37     @Then("User clicks on the Buy Now button")
38     public void user_clicks_on_the_buy_now_button() {
39         clickOnBuyNow();
40     }
41 }
```

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer View:** Shows the project structure. The `Phase2EndProjectPart1` project contains:
 - `src/main/java`: Contains `features`, `runner`, and `steps` packages.
 - `src/test/java`: Contains `StarHealthfile.feature`, `StarHealthHomePage.java`, `StarHealthHooks.java`, and `StarHealthTest.java`.
- Editor View:** Displays the `StarHealthfile.feature` file with Gherkin steps and Java code. The steps include:
 - `@Then("User get home page title and Validates it")`
 - `@Then("User clicks on the Buy Now button")`
 - `@Then("User Enters data for {string},{string},{string},{string}")`
 - `@Then("User click on getstarted button")`
 - `@Then("User select the checkbox for myself")`
- Bottom Status Bar:** Shows the status bar with "Writable", "Smart Insert", "1:1:0", and system icons for battery, signal, and time (17:11, 01-02-2024).

Phase-2 End Project

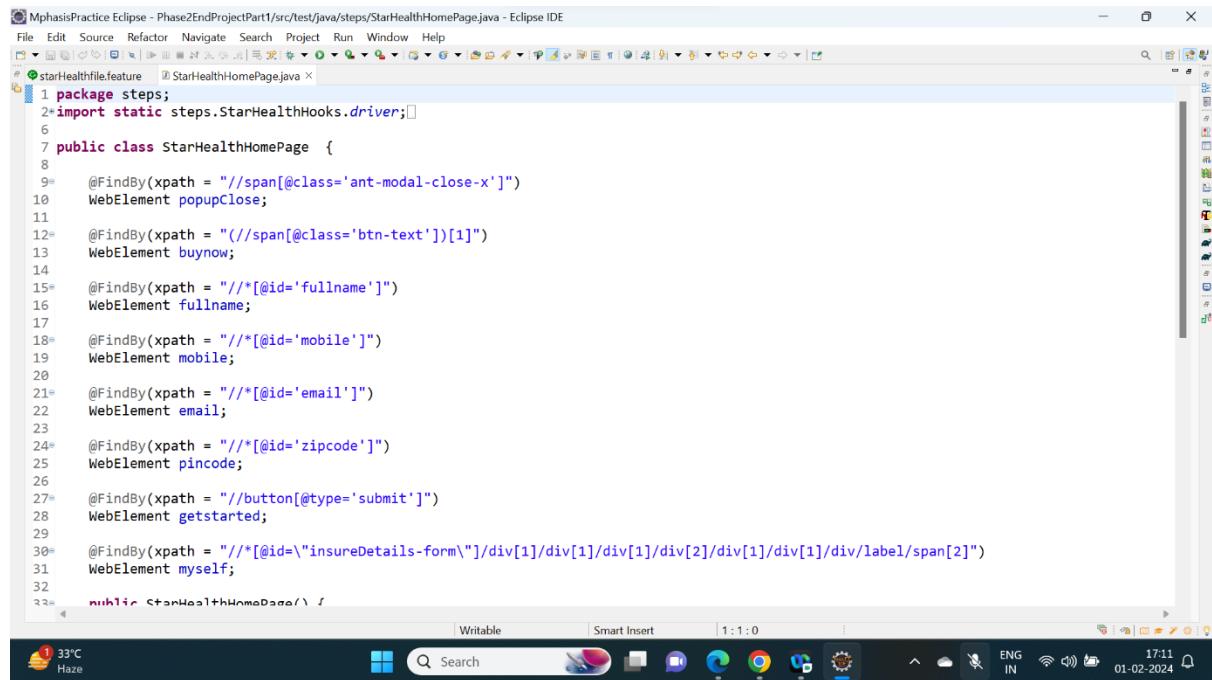
The screenshot shows the Eclipse IDE interface with the project 'Phase2EndProjectPart1' selected in the Project Explorer. The code editor displays `StarHealthTest.java` containing Java code for a Selenium test. The code includes annotations like @Test and @Before, and methods for interacting with a web page. The status bar at the bottom shows the date and time as 01-02-2024 17:11.

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer > com.ninjas.qa.tests > com.ninjas.qa.utilities > src/test/resources > JRE System Library [JavaSE-1.8] > Maven Dependencies > src > target > test-output > pom.xml > projectReport.html > RegisterTestData.xlsx > Phase2AssistedPractices > Phase2EndProjectPart1 > src/main/java > src/test/java > features > starHealthfile.feature > runner > steps > StarHealthHomePage.java > StarHealthHooks.java > StarHealthTest.java > src/test/resources > JRE System Library [JavaSE-1.7] > Maven Dependencies > src > target > pom.xml > Phase2EndProjectPart2 > Practice Project 2
starHealthfile.feature StarHealthHomePage.java StarHealthHooks.java StarHealthTest.java
40     }
41
42     @Then("User Enters data for {string},{string},{string},{string}")
43     public void user_enters_data_for(String name, String phone, String email, String pincode) {
44         enterfullname(name);
45         enterMobile(phone);
46         enterEmail(email);
47         enterPincode(pincode);
48     }
49
50     @Then("User click on getstarted button")
51     public void user_click_on_getstarted_button() {
52         clickOnGetStarted();
53     }
54
55     @Then("User select the checkbox for myself")
56     public void user_select_the_checkbox_for_myself() {
57         wait = new WebDriverWait(driver,Duration.ofSeconds(10));
58         wait.until(ExpectedConditions.visibilityOf(myself));
59         clickOnMyself();
60     }
61
62     @Then("user navigates to the HomePage with {string}")
63     public void user_navigates_to_the_home_page_with(String url) {
64         driver.get(url);
65     }
66
67 }
68
17:11 01-02-2024
Upcoming Earnings
Search
Smart Insert
1:1:0
ENG IN
17:11
01-02-2024
```

The screenshot shows the Eclipse IDE interface with the project 'Phase2EndProjectPart1' selected in the Project Explorer. The code editor displays `StarHealthHooks.java` containing Java code for a Selenium utility class. The code includes imports for WebDriver and ChromeDriver, and methods for opening and closing a browser. The status bar at the bottom shows the date and time as 01-02-2024 17:11.

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer > com.ninjas.qa.tests > com.ninjas.qa.utilities > src/test/resources > JRE System Library [JavaSE-1.8] > Maven Dependencies > src > target > test-output > pom.xml > projectReport.html > RegisterTestData.xlsx > Phase2AssistedPractices > Phase2EndProjectPart1 > src/main/java > src/test/java > features > starHealthfile.feature > runner > steps > StarHealthHomePage.java > StarHealthHooks.java > StarHealthTest.java > src/test/resources > JRE System Library [JavaSE-1.7] > Maven Dependencies > src > target > pom.xml > Phase2EndProjectPart2 > Practice Project 2
starHealthfile.feature StarHealthHomePage.java StarHealthHooks.java StarHealthTest.java
1 package steps;
2
3 import org.openqa.selenium.WebDriver;
4
5 public class StarHealthHooks {
6
7     public static WebDriver driver;
8
9     @BeforeAll
10    public static void openBrowser() {
11        driver= new ChromeDriver();
12        driver.manage().window().maximize();
13        driver.manage().deleteAllCookies();
14    }
15
16    @AfterAll
17    public static void closeBrowser()
18    {
19        driver.quit();
20    }
21
22 }
23
24
25
26 }
27
17:11 01-02-2024
Upcoming Earnings
Search
Smart Insert
1:1:0
ENG IN
17:11
01-02-2024
```

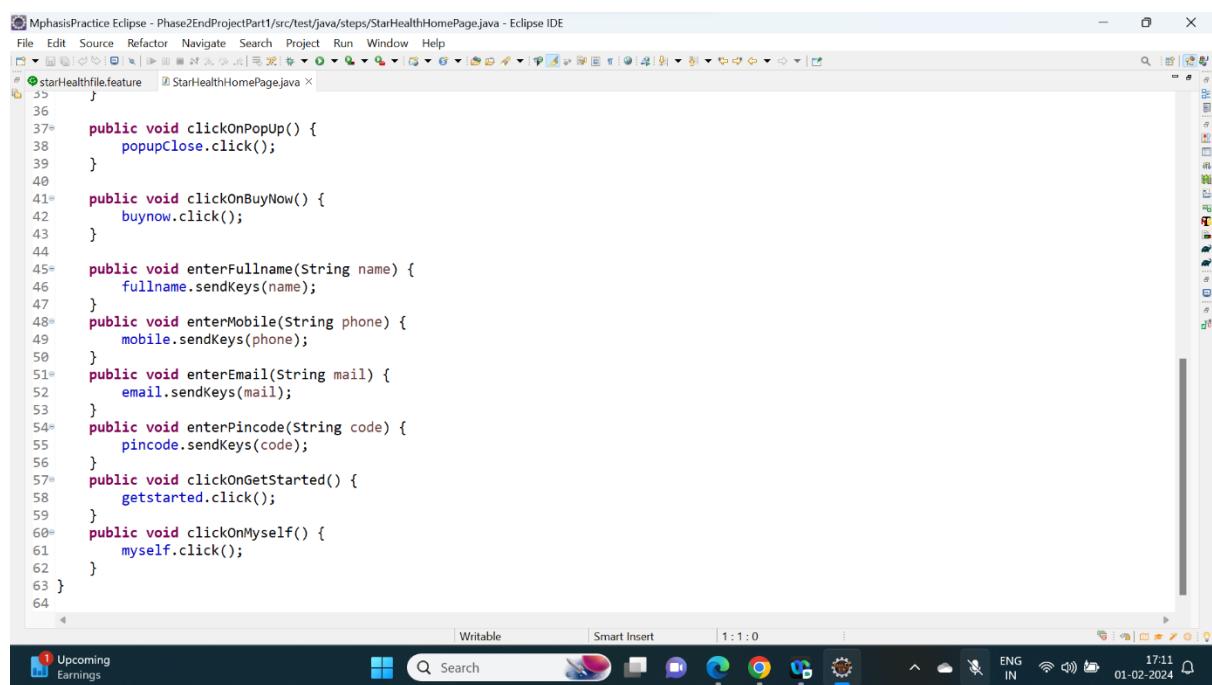
Phase-2 End Project



MphasisPractice Eclipse - Phase2EndProjectPart1/src/test/java/steps/StarHealthHomePage.java - Eclipse IDE

```
1 package steps;
2 import static steps.StarHealthHooks.driver;
3
4 public class StarHealthHomePage {
5
6     @FindBy(xpath = "//span[@class='ant-modal-close-x']")
7     WebElement popupClose;
8
9     @FindBy(xpath = "(//span[@class='btn-text'])[1]")
10    WebElement buynow;
11
12    @FindBy(xpath = "//*[@id='fullname']")
13    WebElement fullname;
14
15    @FindBy(xpath = "//*[@id='mobile']")
16    WebElement mobile;
17
18    @FindBy(xpath = "//*[@id='email']")
19    WebElement email;
20
21    @FindBy(xpath = "//*[@id='zipcode']")
22    WebElement pincode;
23
24    @FindBy(xpath = "/button[@type='submit']")
25    WebElement getstarted;
26
27    @FindBy(xpath = "//*[@id=\"insureDetails-form\"]")
28    WebElement myself;
29
30    public StarHealthHomePage() {
31
32    }
33}
```

Writable Smart Insert 1:1:0 ENG IN 17:11 01-02-2024



MphasisPractice Eclipse - Phase2EndProjectPart1/src/test/java/steps/StarHealthHomePage.java - Eclipse IDE

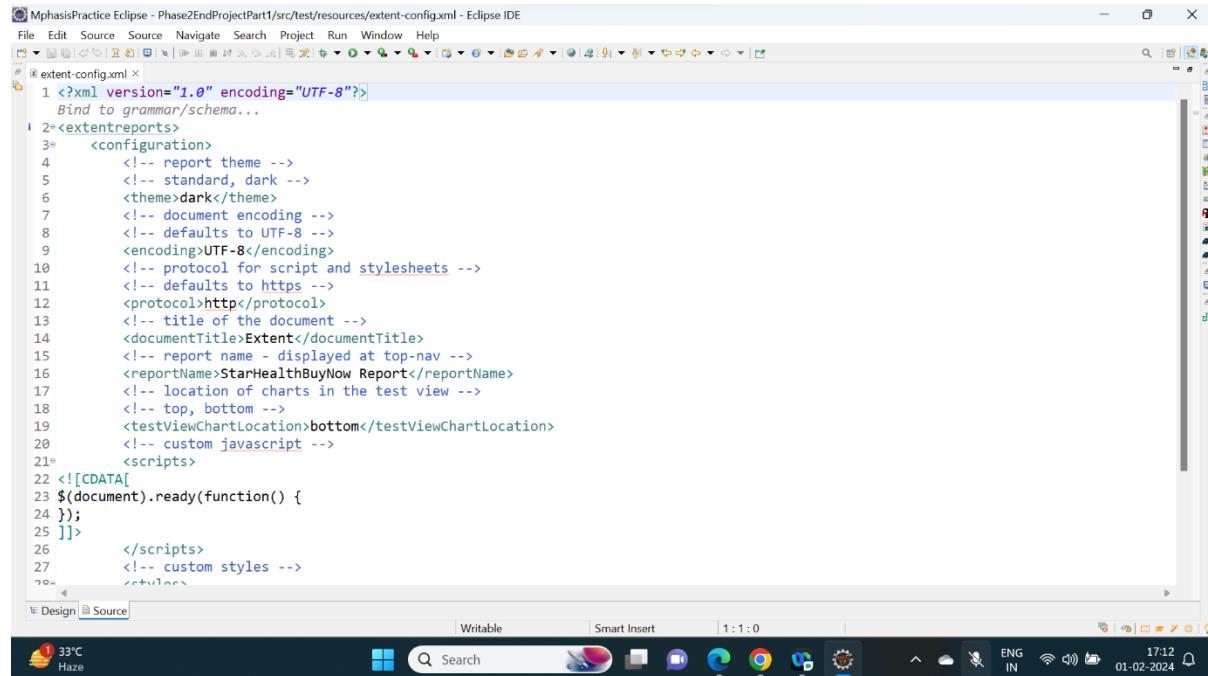
```
1 package steps;
2 import static steps.StarHealthHooks.driver;
3
4 public class StarHealthHomePage {
5
6     public void clickOnPopUp() {
7         popupClose.click();
8     }
9
10    public void clickOnBuyNow() {
11        buynow.click();
12    }
13
14    public void enterFullscreen(String name) {
15        fullname.sendKeys(name);
16    }
17
18    public void enterMobile(String phone) {
19        mobile.sendKeys(phone);
20    }
21
22    public void enterEmail(String mail) {
23        email.sendKeys(mail);
24    }
25
26    public void enterPincode(String code) {
27        pincode.sendKeys(code);
28    }
29
30    public void clickOnGetstarted() {
31        getstarted.click();
32    }
33
34    public void clickOnMyself() {
35        myself.click();
36    }
37}
38
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62
63
64}
```

Writable Smart Insert 1:1:0 ENG IN 17:11 01-02-2024

Phase-2 End Project

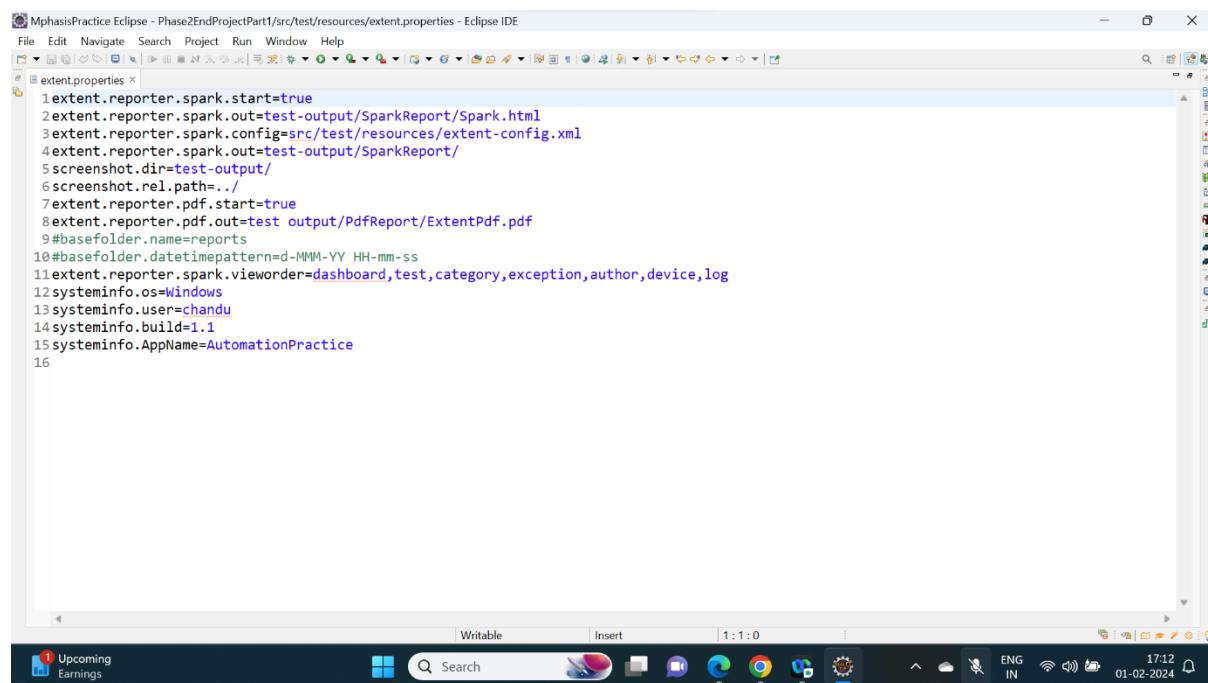
Step 4:

Create a folder src/test/resources and below two files to get extent reports.



The screenshot shows the Eclipse IDE interface with the title bar "MphasisPractice Eclipse - Phase2EndProjectPart1/src/test/resources/extent-config.xml - Eclipse IDE". The main window displays the XML code for extent-config.xml. The code defines a configuration for an extent report, including theme (dark), encoding (UTF-8), and document title (Extent). It also specifies the report name (StarHealthBuyNow Report) and chart location (bottom). The XML uses CDATA sections for JavaScript and CSS. The status bar at the bottom shows the date and time as 01-02-2024 17:12.

```
<?xml version="1.0" encoding="UTF-8"?>
<configuration>
    <!-- report theme -->
    <theme>dark</theme>
    <!-- document encoding -->
    <encoding>UTF-8</encoding>
    <!-- protocol for script and stylesheets -->
    <!-- defaults to https -->
    <protocol>http</protocol>
    <!-- title of the document -->
    <documentTitle>Extent</documentTitle>
    <!-- report name - displayed at top-nav -->
    <reportName>StarHealthBuyNow Report</reportName>
    <!-- location of charts in the test view -->
    <testViewChartLocation>bottom</testViewChartLocation>
    <!-- custom javascript -->
    <scripts>
        <![CDATA[
            $(document).ready(function() {
        });
        ]]>
    </scripts>
    <!-- custom styles -->
    <style></style>
</configuration>
```



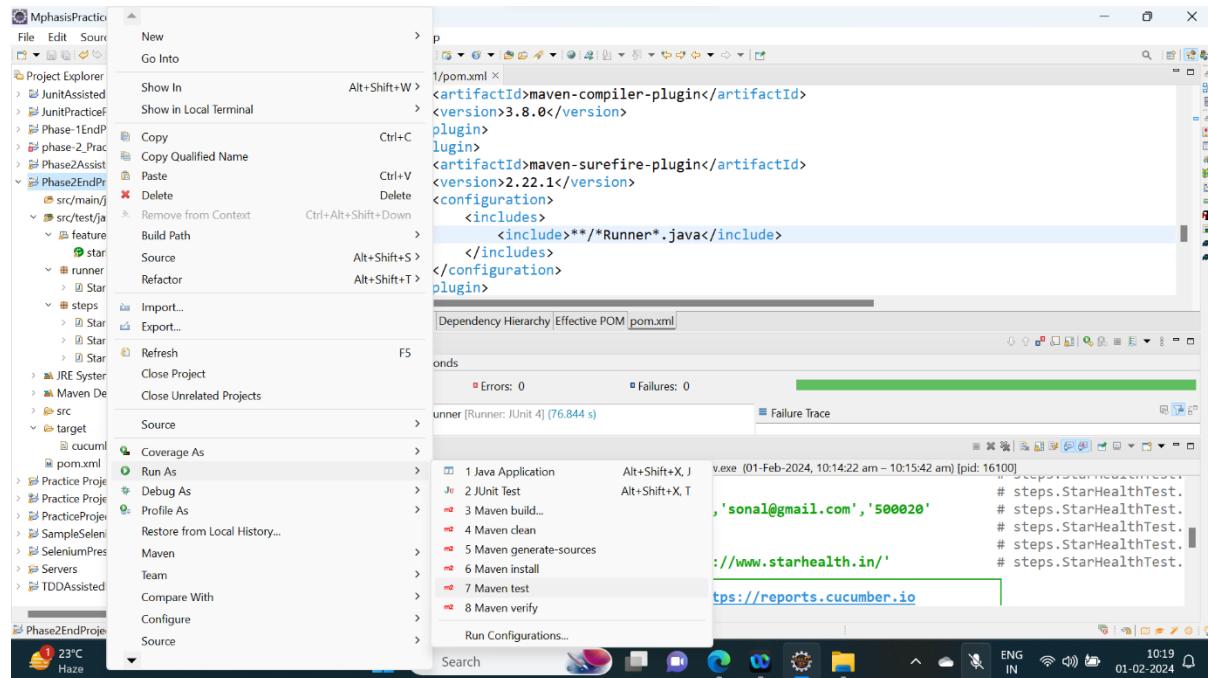
The screenshot shows the Eclipse IDE interface with the title bar "MphasisPractice Eclipse - Phase2EndProjectPart1/src/test/resources/extent.properties - Eclipse IDE". The main window displays the properties file extent.properties. The file contains configuration settings for the extent reporter, such as spark start, output paths, and system info. The status bar at the bottom shows the date and time as 01-02-2024 17:12.

```
extent.reporter.spark.start=true
extent.reporter.spark.out=test-output/SparkReport/Spark.html
extent.reporter.spark.config=src/test/resources/extent-config.xml
extent.reporter.spark.out=test-output/SparkReport/
screenshots.dir=test-output/
screenshots.rel.path=..
extent.reporter.pdf.start=true
extent.reporter.pdf.out=test output/PdfReport/ExtentPdf.pdf
#basefolder.name=reports
#basefolder.datetimepattern=d-MMM-YY HH-mm-ss
extent.reporter.spark.vieworder=dashboard,test,category,exception,author,device,log
systeminfo.os=Windows
systeminfo.user=chandu
systeminfo.build=1.1
systeminfo.AppName=AutomationPractice
```

Phase-2 End Project

Step 5:

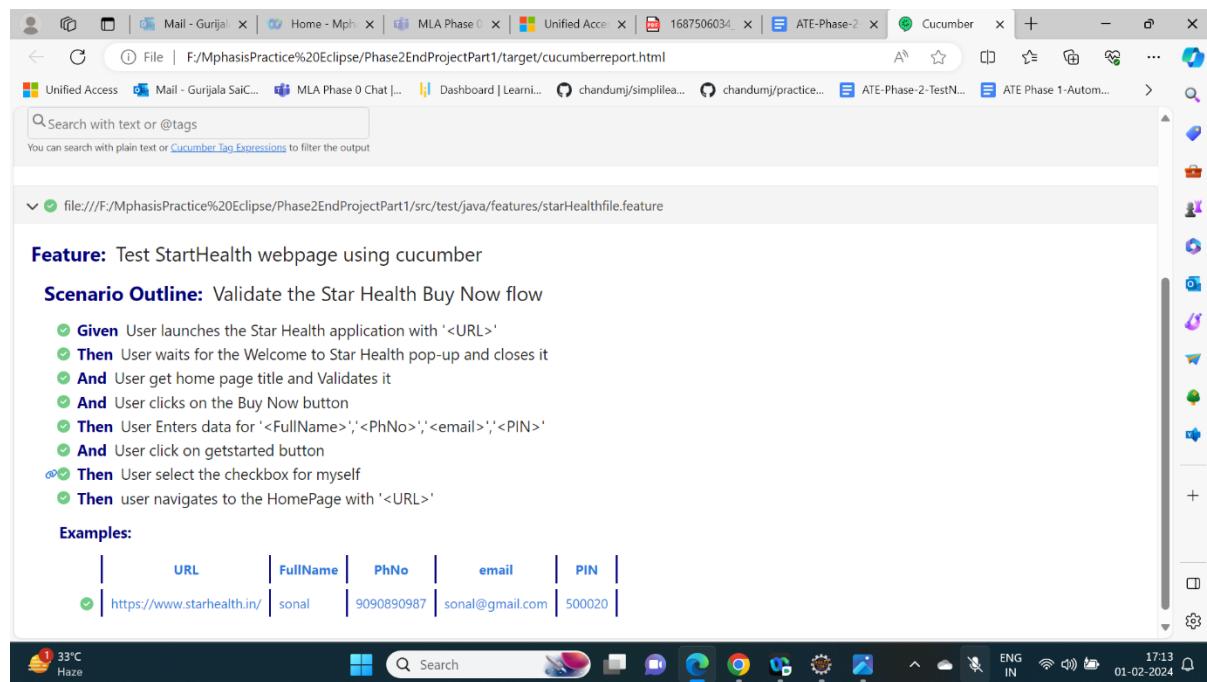
Run the project using maven test.



```
MphasisPractice Eclipse - Phase2EndProjectPart1/pom.xml - Eclipse IDE
File Edit Source Navigate Search Project Run Design Window Help
Console <terminated> C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (01-Feb-2024, 10:19:16 am) [pid: 11516]
[INFO] --- compiler:3.8.0:testCompile (default-testCompile) @ Phase2EndProjectPart1 ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 4 source files to F:\MphasisPractice Eclipse\Phase2EndProjectPart1\target\test-classes
[INFO]
[INFO] --- surefire:2.22.1:test (default-test) @ Phase2EndProjectPart1 ---
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO]
[INFO] Running runner.StarHealthRunner
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Feb 01, 2024 10:19:23 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 121
Feb 01, 2024 10:19:23 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$
WARNING: Unable to find version of CDP to use for 121.0.6167.86. You may need to include a dependency on a specific version of the CDP using s
Scenario Outline: Validate the Star Health Buy Now flow
  Given User launches the Star Health application with 'https://www.starhealth.in/' # steps.StarHealthTest.user_launches_the_star_health_application
  Then User waits for the Welcome to Star Health pop-up and closes it
  Star Health Insurance: Medical, Accident and Travel insurance policies
    And User get home page title and Validates it
    And User clicks on the Buy Now button
    Then User Enters data for 'sonal','0909890987','sonal@gmail.com','500020'
    And User click on getstarted button
    Then User select the checkbox for myself
    Then user navigates to the HomePage with 'https://www.starhealth.in/'
Feb 01 2024 10:19:41 AM org.openqa.selenium.remote.HttpCommandExecutor.onException
  # src/test/java/features/starHealthfile.feature:15
  # steps.StarHealthTest.user_launches_the_star_health_application
  # steps.StarHealthTest.user_waits_for_the_welcome_to_star_health_popup
  # steps.StarHealthTest.user_get_home_page_title_and_validates_it
  # steps.StarHealthTest.user_clicks_on_the_buy_now_button()
  # steps.StarHealthTest.user_enters_data_for(java.lang.String)
  # steps.StarHealthTest.user_click_on_getstarted_button()
  # steps.StarHealthTest.user_select_the_checkbox_for_myself
  # steps.StarHealthTest.user_navigates_to_the_home_page_with_a_link

10:19 01-02-2024
```

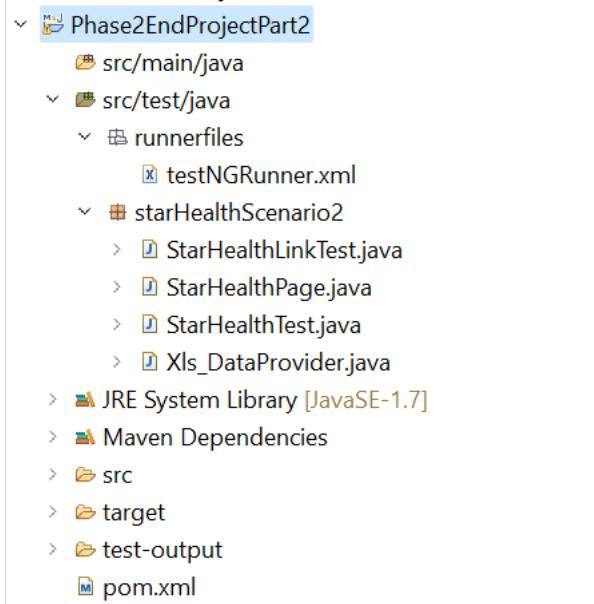
Phase-2 End Project



Phase-2 End Project

Phase-2 End Project Part 2:

Create a project and add dependencies required for testNG framework and save the pom.xml.

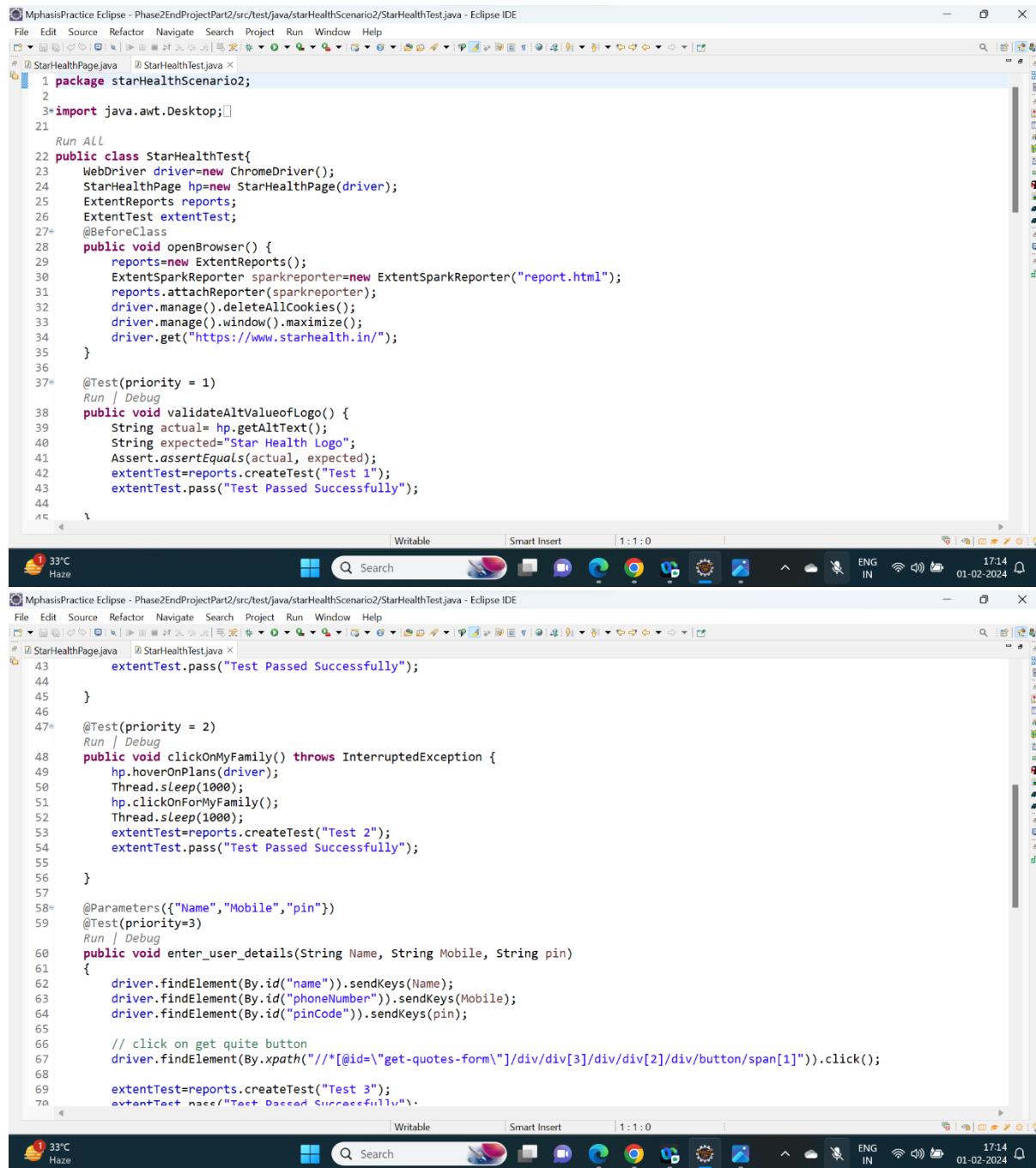


Step 2:

Create package starHealthScenario2 and add all below classes.

```
8
9 public class StarHealthPage {
10
11     @FindBy(xpath = "//*[@id=\"__next\"]//div/div/header/div[2]/div[1]/span/span/img")
12     WebElement logo;
13
14     @FindBy(xpath = "//div[@class='Header_nav-link-container__nLUUp dropdown-active flex only-desktop']/descendant::img[2]")
15     WebElement plans;
16
17     @FindBy(xpath = "//div[@class='ant-popover-inner']/descendant::a[2]")
18     WebElement formyfamily;
19
20     public StarHealthPage(WebDriver driver) {
21         PageFactory.initElements(driver, this);
22     }
23
24     public String getAltText() {
25         return logo.getAttribute("alt");
26     }
27
28     public void hoverOnPlans(WebDriver driver) {
29         Actions a=new Actions(driver);
30         a.moveToElement(plans).build().perform();
31     }
32
33     public void clickOnForMyFamily() {
34         formyfamily.click();
35     }
36
37 }
```

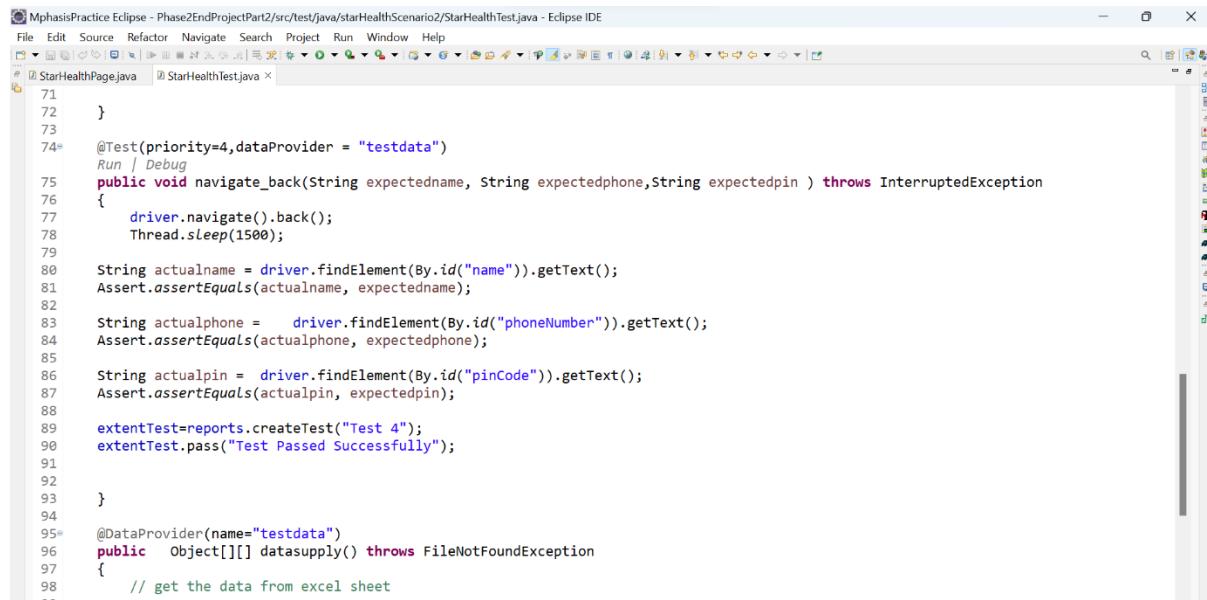
Phase-2 End Project



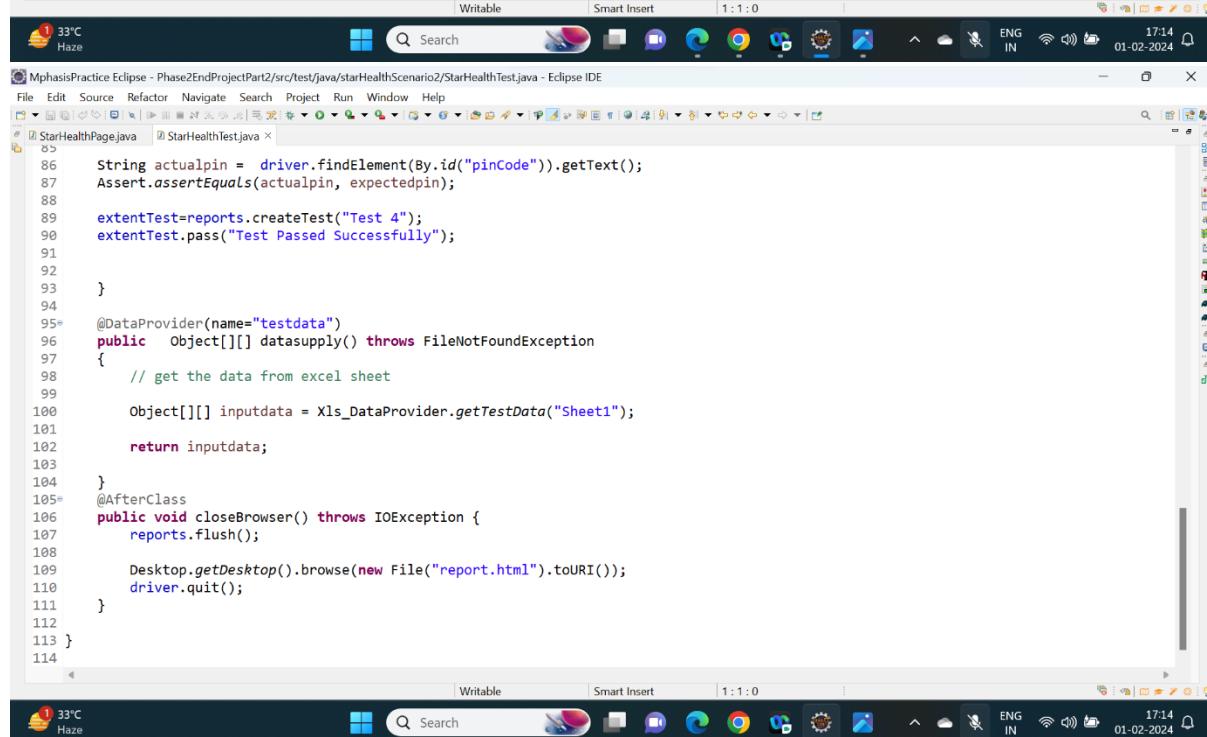
The image shows three separate windows of the Eclipse IDE, each displaying a portion of the same Java test script. The code is for a Selenium-based test using ExtentReports and ChromeDriver. It includes methods for opening a browser, validating logo text, clicking on family plans, entering user details, and interacting with a quote form.

```
1 package starHealthScenario2;
2
3 import java.awt.Desktop;
4
5 public class StarHealthTest{
6     WebDriver driver=new ChromeDriver();
7     StarHealthPage hp=new StarHealthPage(driver);
8     ExtentReports reports;
9     ExtentTest extentTest;
10    @BeforeClass
11    public void openBrowser() {
12        reports=new ExtentReports();
13        ExtentSparkReporter sparkreporter=new ExtentSparkReporter("report.html");
14        reports.attachReporter(sparkreporter);
15        driver.manage().deleteAllCookies();
16        driver.manage().window().maximize();
17        driver.get("https://www.starhealth.in/");
18    }
19
20    @Test(priority = 1)
21    Run | Debug
22    public void validateAltValueofLogo() {
23        String actual= hp.getAltText();
24        String expected="Star Health Logo";
25        Assert.assertEquals(actual, expected);
26        extentTest=reports.createTest("Test 1");
27        extentTest.pass("Test Passed Successfully");
28    }
29
30    @Test(priority = 2)
31    Run | Debug
32    public void clickOnMyFamily() throws InterruptedException {
33        hp.hoverOnPlans(driver);
34        Thread.sleep(1000);
35        hp.clickOnForMyFamily();
36        Thread.sleep(1000);
37        extentTest=reports.createTest("Test 2");
38        extentTest.pass("Test Passed Successfully");
39    }
40
41    @Parameters({"Name","Mobile","pin"})
42    @Test(priority=3)
43    Run | Debug
44    public void enter_user_details(String Name, String Mobile, String pin) {
45        driver.findElement(By.id("name")).sendKeys(Name);
46        driver.findElement(By.id("phoneNumber")).sendKeys(Mobile);
47        driver.findElement(By.id("pinCode")).sendKeys(pin);
48
49        // click on get quote button
50        driver.findElement(By.xpath("//*[@id='get-quotes-form']/div/div[3]/div/div[2]/div/button/span[1]")).click();
51
52        extentTest=reports.createTest("Test 3");
53        extentTest.pass("Test Passed Successfully");
54    }
55}
```

Phase-2 End Project

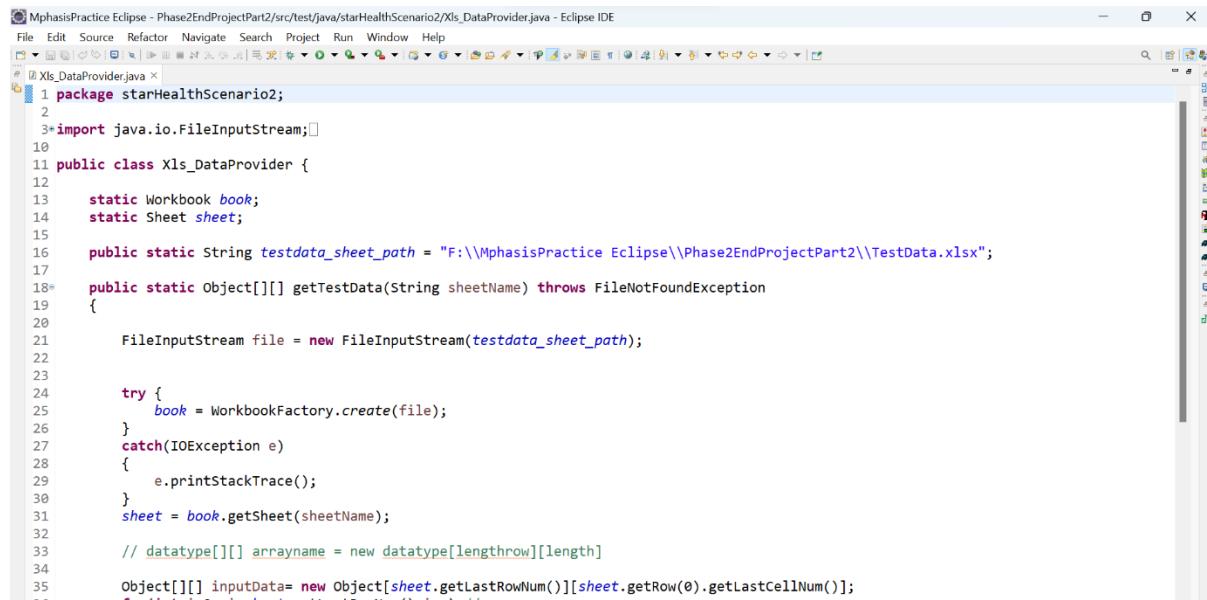


```
1 MphasisPractice Eclipse - Phase2EndProjectPart2/src/test/java/starHealthScenario2/StarHealthTest.java - Eclipse IDE
2 File Edit Source Refactor Navigate Search Project Run Window Help
3 StarHealthPage.java StarHealthTest.java
4
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71
72
73
74 @Test(priority=4,dataProvider = "testdata")
75 Run / Debug
76 public void navigate_back(String expectedname, String expectedphone, String expectedpin ) throws InterruptedException
77 {
78     driver.navigate().back();
79     Thread.sleep(1500);
80
81     String actualname = driver.findElement(By.id("name")).getText();
82     Assert.assertEquals(actualname, expectedname);
83
84     String actualphone = driver.findElement(By.id("phoneNumber")).getText();
85     Assert.assertEquals(actualphone, expectedphone);
86
87     String actualpin = driver.findElement(By.id("pinCode")).getText();
88     Assert.assertEquals(actualpin, expectedpin);
89
90     extentTest=reports.createTest("Test 4");
91     extentTest.pass("Test Passed Successfully");
92
93 }
94
95 @DataProvider(name="testdata")
96 public Object[][] datasupply() throws FileNotFoundException
97 {
98     // get the data from excel sheet
99
100
101
102
103
104
105
106
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```

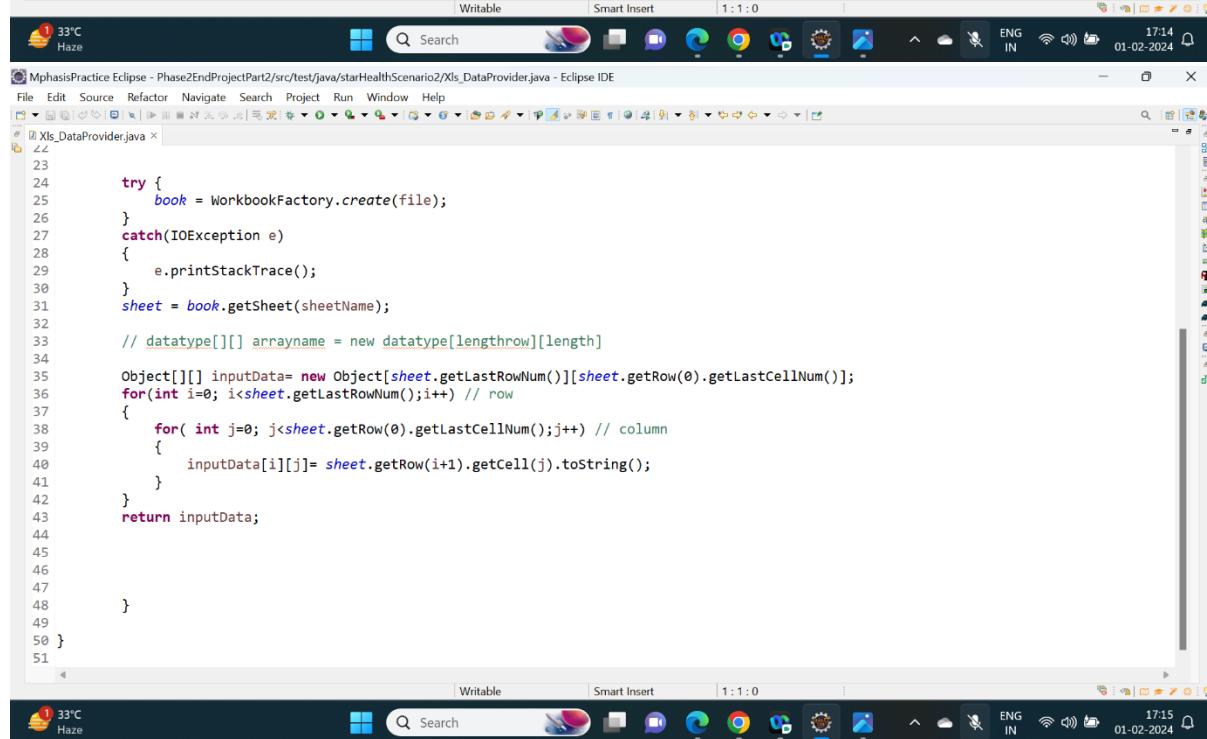


```
1 MphasisPractice Eclipse - Phase2EndProjectPart2/src/test/java/starHealthScenario2/StarHealthTest.java - Eclipse IDE
2 File Edit Source Refactor Navigate Search Project Run Window Help
3 StarHealthPage.java StarHealthTest.java
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```

Phase-2 End Project



```
1 package starHealthScenario2;
2
3 import java.io.FileInputStream;
4
5 public class Xls_DataProvider {
6
7     static Workbook book;
8     static Sheet sheet;
9
10    public static String testdata_sheet_path = "F:\\MphasisPractice Eclipse\\Phase2EndProjectPart2\\TestData.xlsx";
11
12    public static Object[][] getTestData(String sheetName) throws FileNotFoundException
13    {
14
15        FileInputStream file = new FileInputStream(testdata_sheet_path);
16
17
18        try {
19            book = WorkbookFactory.create(file);
20        }
21        catch(IOException e)
22        {
23            e.printStackTrace();
24        }
25        sheet = book.getSheet(sheetName);
26
27        // datatype[][] arrayname = new datatype[lengthrow][length]
28
29        Object[][] inputData= new Object[sheet.getLastRowNum()][sheet.getRow(0).getLastCellNum()];
30        for(int i=0; i<sheet.getLastRowNum();i++) // row
31        {
32            for( int j=0; j<sheet.getRow(0).getLastCellNum();j++) // column
33            {
34                inputData[i][j]= sheet.getRow(i+1).getCell(j).toString();
35            }
36        }
37        return inputData;
38
39
40
41
42
43
44
45
46
47
48
49
50 }
```



```
1 package starHealthScenario2;
2
3 import java.io.FileInputStream;
4
5 public class Xls_DataProvider {
6
7     static Workbook book;
8     static Sheet sheet;
9
10    public static String testdata_sheet_path = "F:\\MphasisPractice Eclipse\\Phase2EndProjectPart2\\TestData.xlsx";
11
12    public static Object[][] getTestData(String sheetName) throws FileNotFoundException
13    {
14
15        FileInputStream file = new FileInputStream(testdata_sheet_path);
16
17
18        try {
19            book = WorkbookFactory.create(file);
20        }
21        catch(IOException e)
22        {
23            e.printStackTrace();
24        }
25        sheet = book.getSheet(sheetName);
26
27        // datatype[][] arrayname = new datatype[lengthrow][length]
28
29        Object[][] inputData= new Object[sheet.getLastRowNum()][sheet.getRow(0).getLastCellNum()];
30        for(int i=0; i<sheet.getLastRowNum();i++) // row
31        {
32            for( int j=0; j<sheet.getRow(0).getLastCellNum();j++) // column
33            {
34                inputData[i][j]= sheet.getRow(i+1).getCell(j).toString();
35            }
36        }
37        return inputData;
38
39
40
41
42
43
44
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48
49
50 }
```

Phase-2 End Project

MphasisPractice Eclipse - Phase2EndProjectPart2/src/test/java/starHealthScenario2/StarHealthLinkTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

StarHealthLinkTest.java

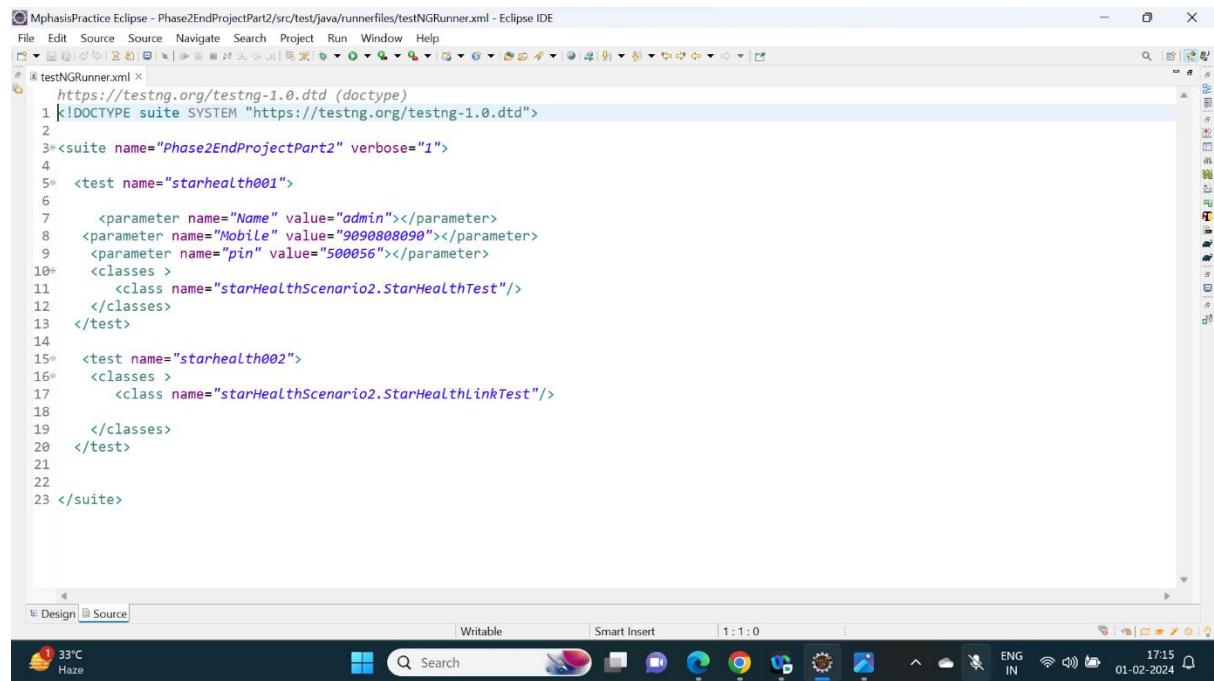
```
1 package starHealthScenario2;
2
3 import org.openqa.selenium.By;
4
5 @Test(priority=1)
6 public void click_onPlans() throws InterruptedException
7 {
8     Actions a = new Actions(driver);
9     WebElement plan = driver.findElement(By.xpath("//div[@class='Header_nav-link-container__nluup dropdown-active flex only-desktop']"));
10    a.moveToElement(plan).build().perform();
11    Thread.sleep(1500);
12 }
13
14 @Test(priority=2)
15 public void click_on_option() throws InterruptedException
16 {
17 }
```

MphasisPractice Eclipse - Phase2EndProjectPart2/src/test/java/starHealthScenario2/StarHealthLinkTest.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
StarHealthLinkTest.java x
27     a.moveToElement(plan).build().perform();
28     Thread.sleep(1500);
29 }
30
31 @Test(priority='2')
32 Run | Debug
33 public void click_on_option() throws InterruptedException
34 {
35     WebElement formyfamilylink = driver.findElement(By.xpath("//div[@class='ant-popover-inner']/descendant::a[2]"));
36     String link1 = formyfamilylink.getText();
37     System.out.println(link1);
38
39     WebElement formelink = driver.findElement(By.xpath("//div[@class='ant-popover-inner']/descendant::a[1]"));
40     String link2 = formelink.getText();
41     System.out.println(link2);
42
43     WebElement l3 = driver.findElement(By.xpath("//div[@class='ant-popover-inner']/descendant::a[3]"));
44     String link3 = l3.getText();
45     System.out.println(link3);
46
47     WebElement l4 = driver.findElement(By.xpath("//div[@class='ant-popover-inner']/descendant::a[4]"));
48     String link4 = l4.getText();
49     System.out.println(link4);
50
51     WebElement l5 = driver.findElement(By.xpath("//div[@class='ant-popover-inner']/descendant::a[5]"));
52     String link5 = l5.getText();
53     System.out.println(link5);
54
55 }
```

Phase-2 End Project

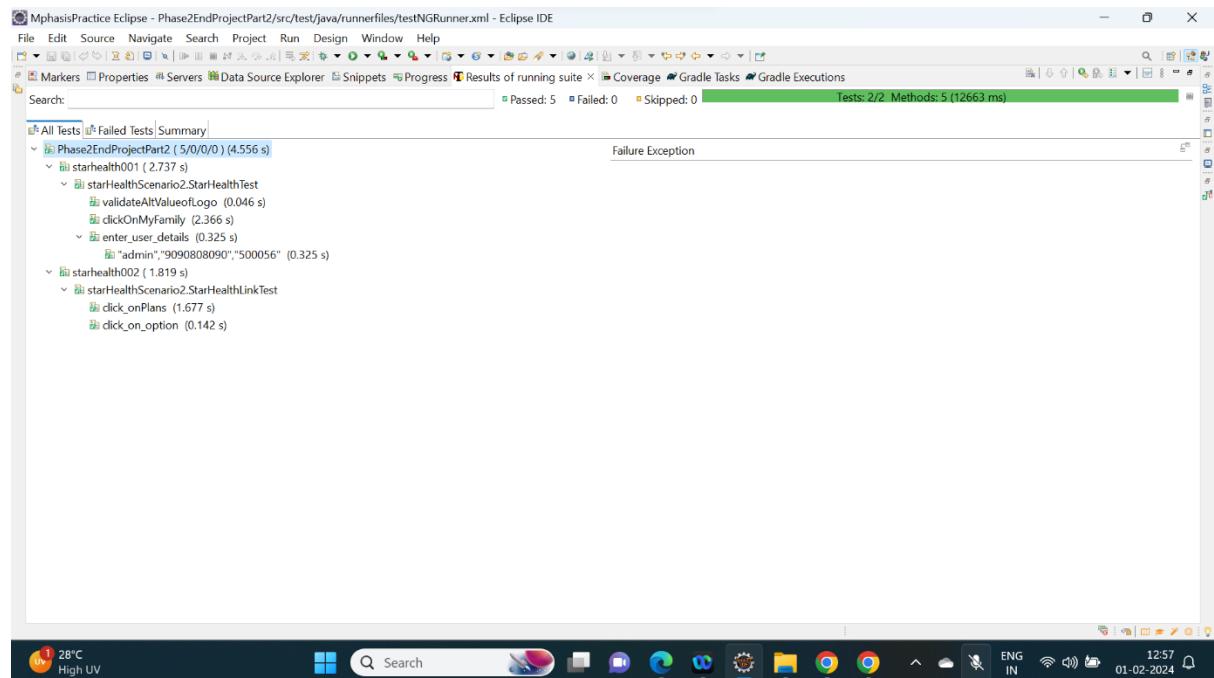
Step 3: Create Runner file and add below code.



```
https://testng.org/testng-1.0.dtd (doctype)
1<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
2
3<suite name="Phase2EndProjectPart2" verbose="1">
4
5<test name="starhealth001">
6
7<parameter name="Name" value="admin"/></parameter>
8<parameter name="Mobile" value="9090808090"/></parameter>
9<parameter name="pin" value="500056"/></parameter>
10<classes>
11<class name="starHealthScenario2.StarHealthTest"/>
12</classes>
13</test>
14
15<test name="starhealth002">
16<classes>
17<class name="starHealthScenario2.StarHealthLinkTest"/>
18
19</classes>
20</test>
21
22
23</suite>
```

Step 4:

Run the Runner file and observe extent report.

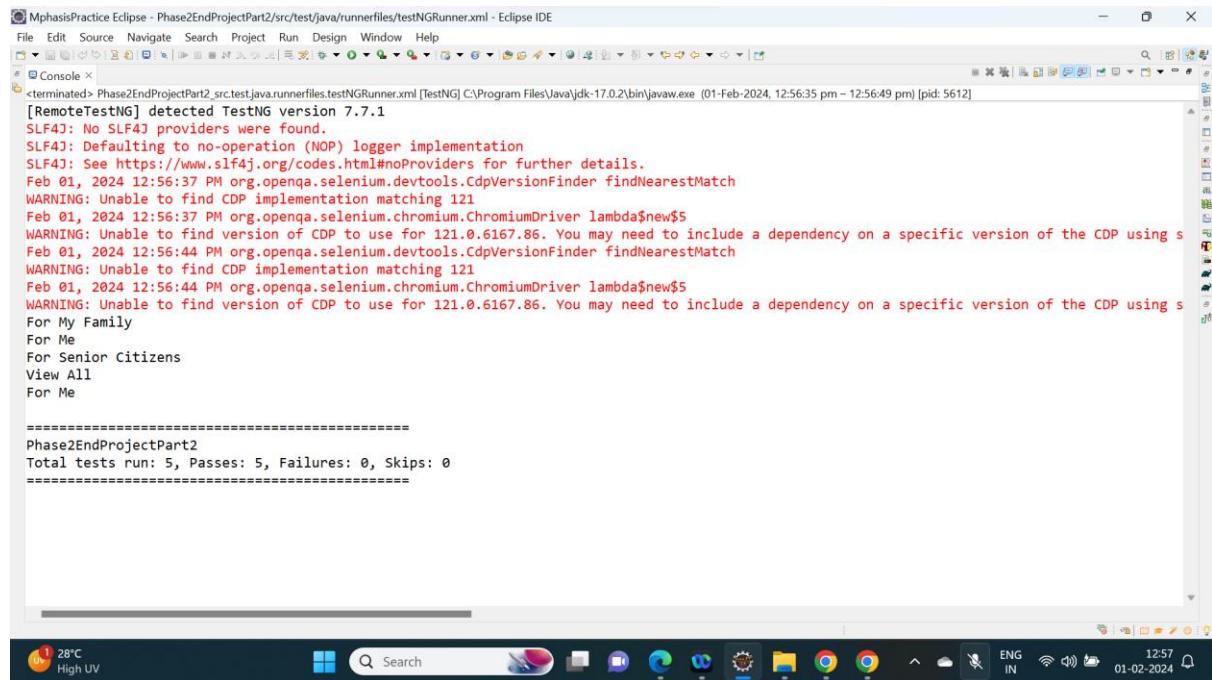


The screenshot shows the Eclipse IDE interface with the 'Markers' view selected. In the center, the 'Results of running suite' tab is open, displaying an extent report. The report shows the following test results:

Test	Status	Time
Phase2EndProjectPart2	Passed	4.556 s
starhealth001	Passed	2.737 s
starHealthScenario2.StarHealthTest	Passed	0.046 s
validateAltValueofLogo	Passed	0.046 s
clickOnMyFamily	Passed	2.366 s
enter_user_details	Passed	0.325 s
"admin","9090808090","500056"	Passed	0.325 s
starhealth002	Passed	1.819 s
starHealthScenario2.StarHealthLinkTest	Passed	1.677 s
click_onPlans	Passed	0.142 s

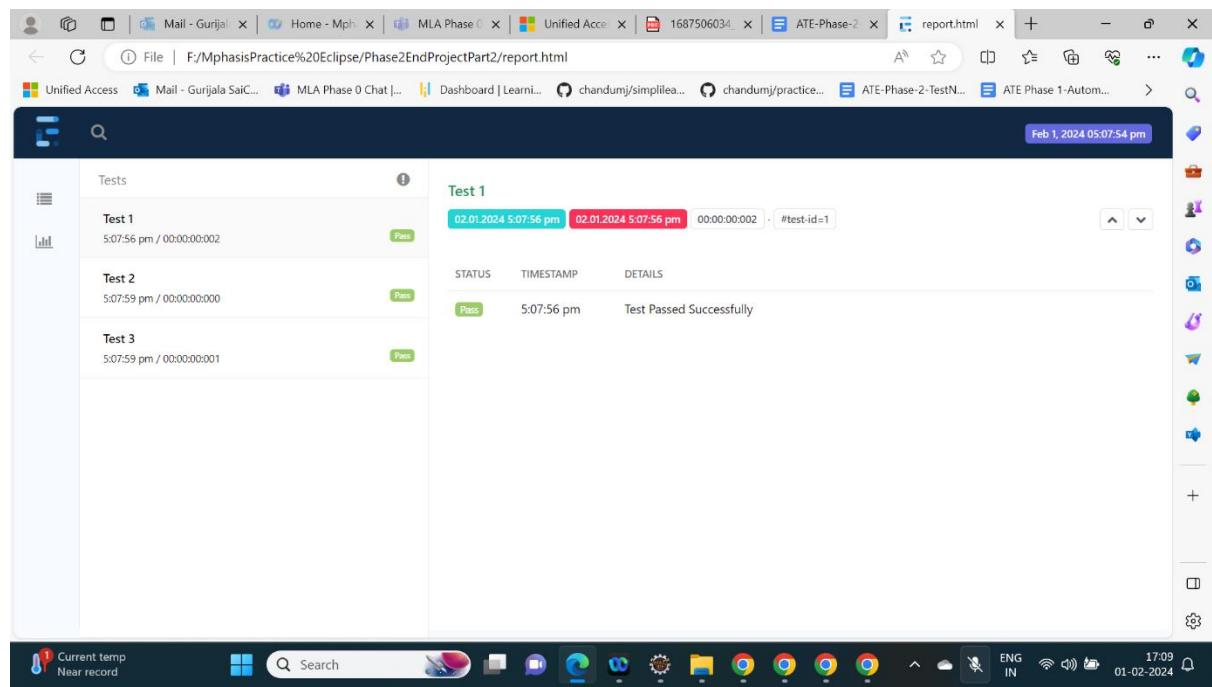
The status bar at the bottom indicates the date as 01-02-2024 and the time as 12:57.

Phase-2 End Project



MphasisPractice Eclipse - Phase2EndProjectPart2/src/test/java/runnertest/testNGRunner.xml - Eclipse IDE
File Edit Source Navigate Search Project Run Design Window Help
Console <terminated> Phase2EndProjectPart2_src.test.java.runnertestNGRunner.xml [TestNG] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (01-Feb-2024, 12:56:35 pm – 12:56:49 pm) [pid: 5612]
[RemoteTestNG] detected TestNG version 7.7.1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See <https://www.slf4j.org/codes.html#noProviders> for further details.
Feb 01, 2024 12:56:37 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 121
Feb 01, 2024 12:56:37 PM org.openqa.selenium.chromium.ChromiumDriver lambda\$new\$5
WARNING: Unable to find version of CDP to use for 121.0.6167.86. You may need to include a dependency on a specific version of the CDP using s
Feb 01, 2024 12:56:44 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 121
Feb 01, 2024 12:56:44 PM org.openqa.selenium.chromium.ChromiumDriver lambda\$new\$5
WARNING: Unable to find version of CDP to use for 121.0.6167.86. You may need to include a dependency on a specific version of the CDP using s
For My Family
For Me
For Senior Citizens
View All
For Me

=====
Phase2EndProjectPart2
Total tests run: 5, Passes: 5, Failures: 0, Skips: 0
=====



File | F/MphasisPractice%20Eclipse/Phase2EndProjectPart2/report.html
Unified Access Mail - Gurijala SaiC... MLA Phase 0 Chat ... Dashboard | Learnin... chandumji/simplilea... chandumji/practice... ATE-Phase-2-TestN... ATE Phase 1-Autom... Feb 1, 2024 05:07:54 pm

Tests

Test	Time	Status
Test 1	02.01.2024 5:07:56 pm / 00:00:00:002	Pass
Test 2	02.01.2024 5:07:59 pm / 00:00:00:000	Pass
Test 3	02.01.2024 5:07:59 pm / 00:00:00:001	Pass

Test 1
02.01.2024 5:07:56 pm 02.01.2024 5:07:56 pm 00:00:00:002 #test-id=1

STATUS	TIMESTAMP	DETAILS
Pass	5:07:56 pm	Test Passed Successfully

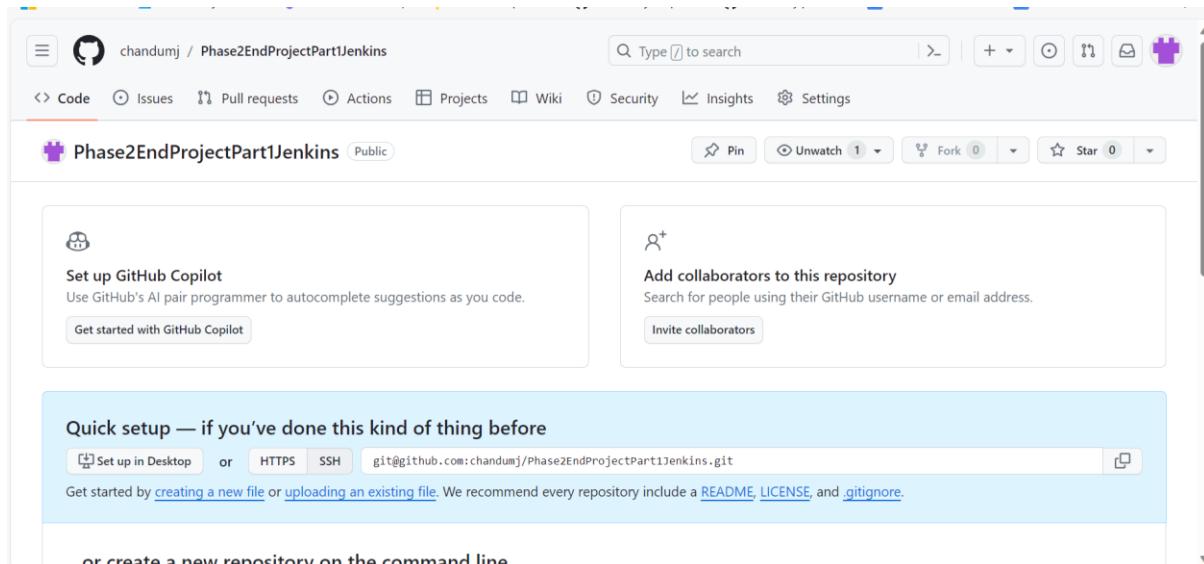
Current temp Near record 17:09 ENG IN 01-02-2024

Phase-2 End Project

Executing the project using Jenkins:

Step 1:

Create the new repository in github.



Step 2:

Push the project to the repository using git commands.

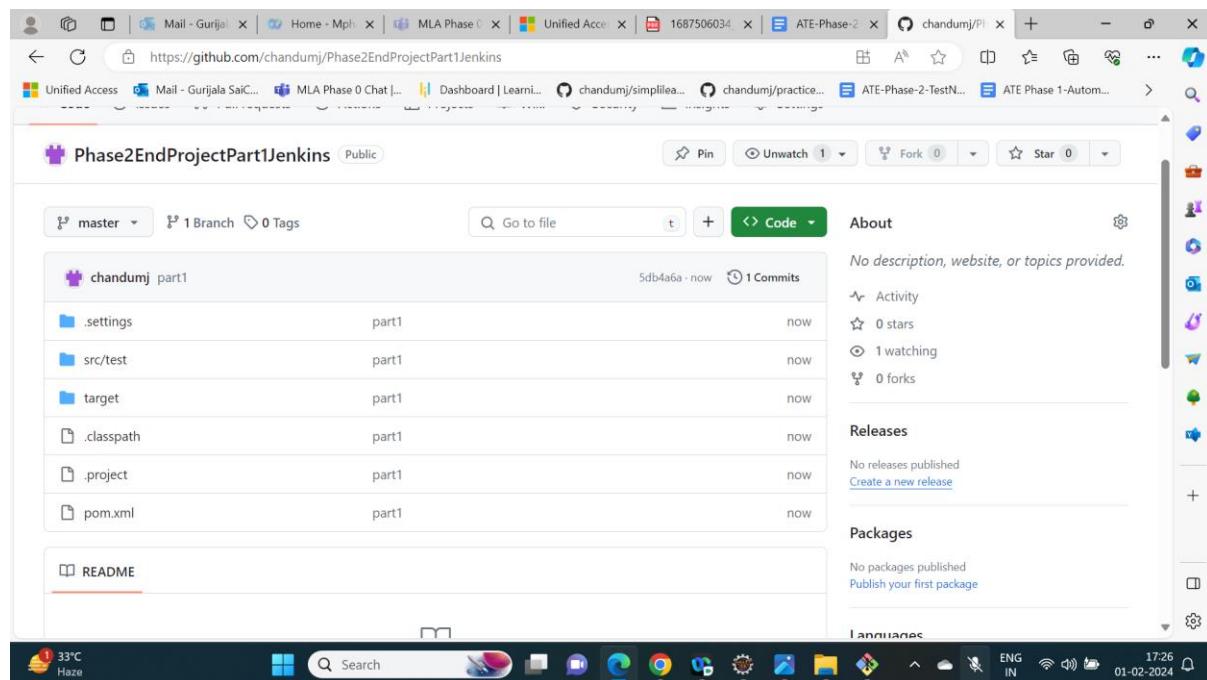
```
lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1
$ git init
Initialized empty Git repository in F:/MphasisPractice/Eclipse/Phase2EndProjectPart1/.git/
lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1 (master)
$ git remote add origin git@github.com:chandumj/Phase2EndProjectPart1Jenkins.git
lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1 (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>" to include in what will be committed)
    .classpath
    .project
    .settings/
    pom.xml
    src/
    target/
nothing added to commit but untracked files present (use "git add" to track)
lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1 (master)
$ git add .
warning: in the working copy of 'target/cucumberreport.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'target/maven-status/maven-compiler-plugin/testCompile/default-testCompile/inputFiles.lst', LF will be replaced by CRLF the next time Git touches it
lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1 (master)
$ git commit -m "part1"
[master (root-commit) 5db4a6a] part1
 31 files changed, 762 insertions(+)
create mode 100644 .classpath
create mode 100644 .project
create mode 100644 .settings/
create mode 100644 pom.xml
create mode 100644 src/
create mode 100644 target/
create mode 100644 features/starHealthfile.feature
create mode 100644 src/test/java/runner/StarHealthRunner.java
create mode 100644 src/test/java/steps/StarHealthHooks.java
create mode 100644 src/test/java/steps/StarHealthTest.java
create mode 100644 src/test/resources/extent-config.xml
create mode 100644 src/test/resources/extent.properties
```

Phase-2 End Project

```
[MINGW64:/f/MphasisPractice/Eclipse/Phase2EndProjectPart1
[master (root-commit) 5db4a6a] part1
 31 files changed, 762 insertions(+)
create mode 100644 .gitignore
create mode 100644 .gitlab-ci.yml
create mode 100644 project
create mode 100644 settings/org.eclipse.core.resources.prefs
create mode 100644 settings/org.eclipse.jdt.core.prefs
create mode 100644 settings/org.eclipse.m2e.core.prefs
create mode 100644 pom.xml
create mode 100644 src/test/java/features/starHealthfile.feature
create mode 100644 src/test/java/runner/StarHealthRunner.java
create mode 100644 src/test/java/steps/StarHealthHomePage.java
create mode 100644 src/test/java/steps/StarHealthHooks.java
create mode 100644 src/test/java/steps/StarHealthTest.java
create mode 100644 src/test/resources/extent-config.xml
create mode 100644 src/test/resources/extent.properties
create mode 100644 target/classes/_cucumber/cucumber.gleb.tmp
create mode 100644 target/classes/_cucumber/cucumber.stepDefinitions.tmp
create mode 100644 target/classes/META-INF/MANIFEST.MF
create mode 100644 target/classes/META-INF/maven/Phase2EndProjectPart1/Phase2EndProjectPart1/pom.properties
create mode 100644 target/classes/META-INF/maven/Phase2EndProjectPart1/Phase2EndProjectPart1/pom.xml
create mode 100644 target/cucumber.gleb
create mode 100644 target/maven-status/maven-compiler-plugin/compile/default-compile/inputFiles.lst
create mode 100644 target/maven-status/maven-compiler-plugin/testCompile/default-testCompile/createdFiles.lst
create mode 100644 target/maven-status/maven-compiler-plugin/testCompile/default-testCompile/inputFiles.lst
create mode 100644 target/surefire-reports/TEST-runner.StarHealthRunner.xml
create mode 100644 target/surefire-reports/runner.StarHealthRunner.txt
create mode 100644 target/test-classes/extent-config.xml
create mode 100644 target/test-classes/extent.properties
create mode 100644 target/test-classes/features/starHealthfile.feature
create mode 100644 target/test-classes/runner/StarHealthRunner.class
create mode 100644 target/test-classes/steps/StarHealthHomePage.class
create mode 100644 target/test-classes/steps/StarHealthHooks.class
create mode 100644 target/test-classes/steps/StarHealthTest.class

lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1 (master)
$ git push origin master
Enumerating objects: 53, done.
Counting objects: 100% (53/53), done.
Delta compression using up to 8 threads
Compressing objects: 100% (44/44), done.
Writing objects: 100% (53/53) 581.80 KiB | 2.40 MiB/s, done.
Total 53 (delta 1), reused 0 (delta 0), pack-reused 0
Remote: Resolving deltas: 100% (1/1), done.
To github.com:chandumj/Phase2EndProjectPart1jenkins.git
 * [new branch]      master -> master

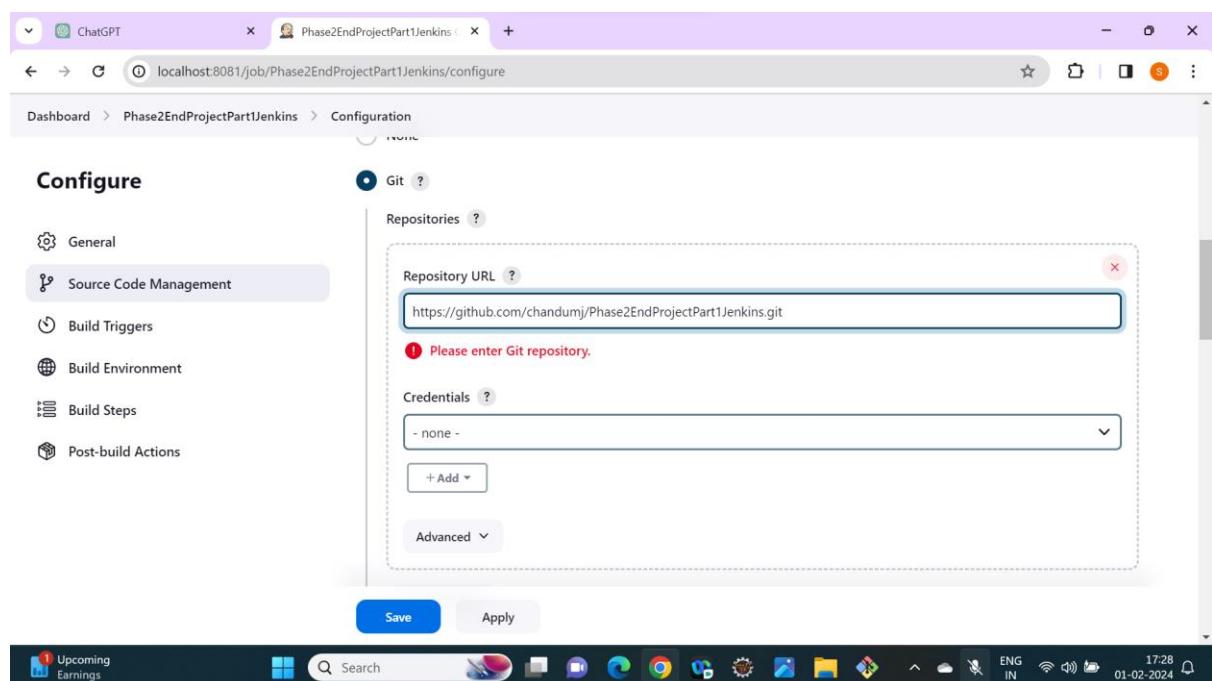
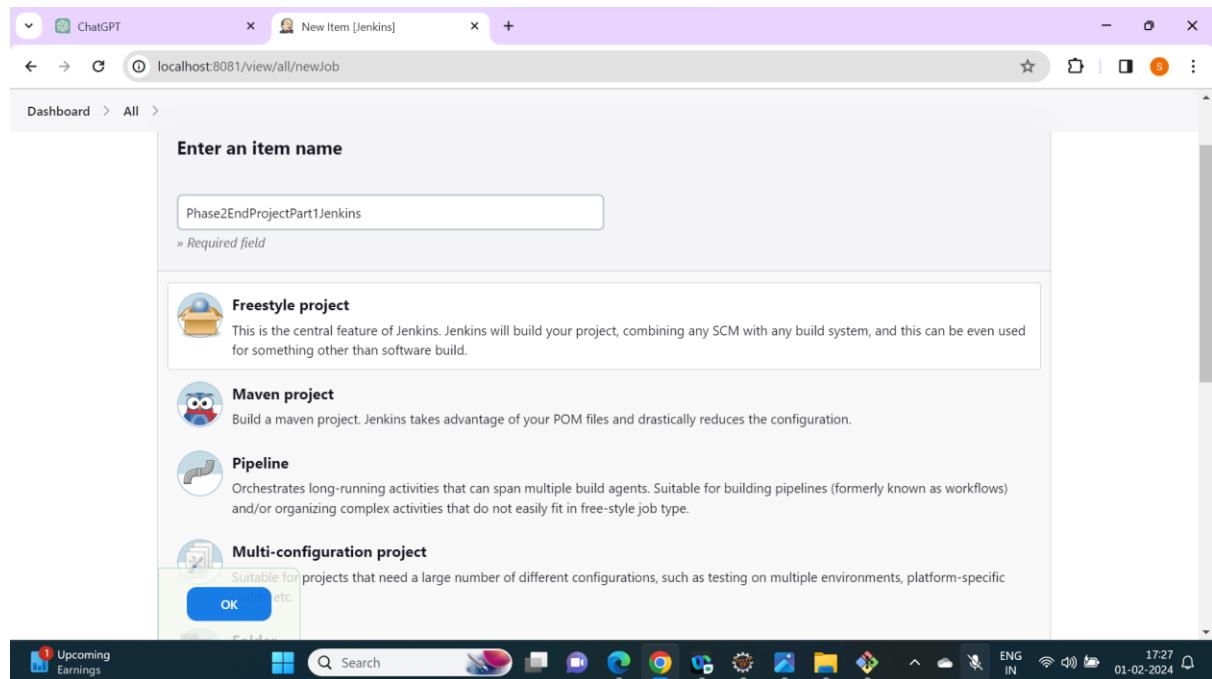
lenovo@Chandu MINGW64 /f/MphasisPractice/Eclipse/Phase2EndProjectPart1 (master)
$ |
```



Phase-2 End Project

Step 3:

Create new job in Jenkins ,configure the build steps and execute.



Phase-2 End Project

The screenshot shows the Jenkins configuration interface for a job named "Phase2EndProjectPart1Jenkins". The left sidebar has tabs for General, Source Code Management, Build Triggers, Build Environment, Build Steps (which is selected), and Post-build Actions. The main area is titled "Build Steps" and contains a section for "Invoke top-level Maven targets". It shows a "Maven Version" dropdown set to "mymaven" and a "Goals" dropdown set to "test". There is also an "Advanced" button and a "Save" button at the bottom.

The screenshot shows the Jenkins configuration interface for a job named "Phase2EndProjectPart1Jenkins". The left sidebar has tabs for General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions (which is selected). The main area is titled "Post-build Actions" and contains a section for "Publish HTML reports". It shows a "Reports" dropdown with an "Add" button. There is also an "Add post-build action" dropdown and a "Save" button at the bottom. The status bar at the bottom right indicates "REST API Jenkins 2.426.3".

Phase-2 End Project

The screenshot shows a web browser window with the address bar displaying 'localhost:8081/job/Phase2EndProjectPart1Jenkins/'. The main content area is titled 'Phase2EndProjectPart1Jenkins'. On the left, there's a sidebar with options like 'Status', 'Changes', 'Build scheduled', 'Build Now', 'Configure', 'Delete Project', and 'Rename'. A 'Build History' section is visible, showing a single entry with a timestamp of 'localhost:8081/job/Phase2EndProjectPart1Jenkins/build?delay=0sec'. The bottom of the screen shows a Windows taskbar with various icons and system status indicators.

This screenshot is similar to the one above, but the 'Console Output' tab is selected in the Jenkins interface. The console output window displays a log of build activities, including resource copying, compiler runs, and test executions. The log ends with a warning about CDP implementation matching. The bottom of the screen shows a Windows taskbar with various icons and system status indicators.

Youtube Link: [chandumj/simplilearnprojects \(github.com\)](https://www.youtube.com/watch?v=...)