```java
package in.redbus.pages;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;

public class HomePage {

    @FindBy(xpath = "(//div[contains(@role,'button')])[1]")
    private WebElement fromcity;

    @FindBy(xpath = "//li[contains(@class,'cursorPointing')]")
    private WebElement selectcity;

    @FindBy(xpath = "(//div[contains(@role,'button')])[2]")
    private WebElement tocity;

    @FindBy(id = "search_button")
    private WebElement date;

    @FindBy(xpath = "(//div[contains(@class,'isgDNj')])[33]")
    private WebElement selectdate;

    public HomePage(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public void FromCity(String city) throws InterruptedException {
        fromcity.sendKeys(city);
        Thread.sleep(3000);
        selectcity.click();
    }

    public void ToCity(String city) throws InterruptedException {
        tocity.sendKeys(city);
        Thread.sleep(3000);
        selectcity.click();
    }

    public void Date() {
        date.click();
        selectdate.click();
        date.click();
    }

}
```

```java
public class AllBuses {
    WebDriverWait wait;

    @FindBy(xpath = "(//div[contains(@class,'button')])[2]")
    private WebElement viewbus;

    @FindBy(xpath = "(//div[contains(@class,'button view-seats fr')])[1]")
    private WebElement viewseat;

    @FindBy(xpath = "(//div[contains(@class,'radio-css ')])[1]")
    private WebElement boardingpoint;

    @FindBy(xpath = "(//div[contains(@class,'radio-css ')])[3]")
    private WebElement droppingpoint;

    @FindBy(id = "gotoseat_btn")
    private WebElement chooseseat;

    public AllBuses(WebDriver driver) {
        PageFactory.initElements(driver, this);
        wait = new WebDriverWait(driver, Duration.ofSeconds(60));
    }

    public void ViewBus() throws InterruptedException {
        wait.until(ExpectedConditions.visibilityOf(viewbus));
        viewbus.click();
        Thread.sleep(2000);
    }

    public void ViewSeat() throws InterruptedException {
        viewseat.click();
        Thread.sleep(1000);
    }

    public void BoardingPoint() throws InterruptedException {
        boardingpoint.click();
        Thread.sleep(1000);
    }

    public void DroppingPoint() throws InterruptedException {
        droppingpoint.click();
        Thread.sleep(1000);
    }

    public void ChooseSeat() {
        chooseseat.click();
    }
}
```

```java
package in.redbus.testscripts;

import org.openqa.selenium.chrome.ChromeDriver;

public class BaseTest1 {
    ChromeDriver driver;
    ChromeOptions options;

        @BeforeTest
        public void openApp() {
            options = new ChromeOptions();
            options.addArguments("--disable-notifications");
            driver = new ChromeDriver(options);
            driver.manage().window().maximize();
            driver.get("https://www.redbus.in/");
        }

        @AfterTest
        public void closeApp() {
        driver.quit();
    }

}
```
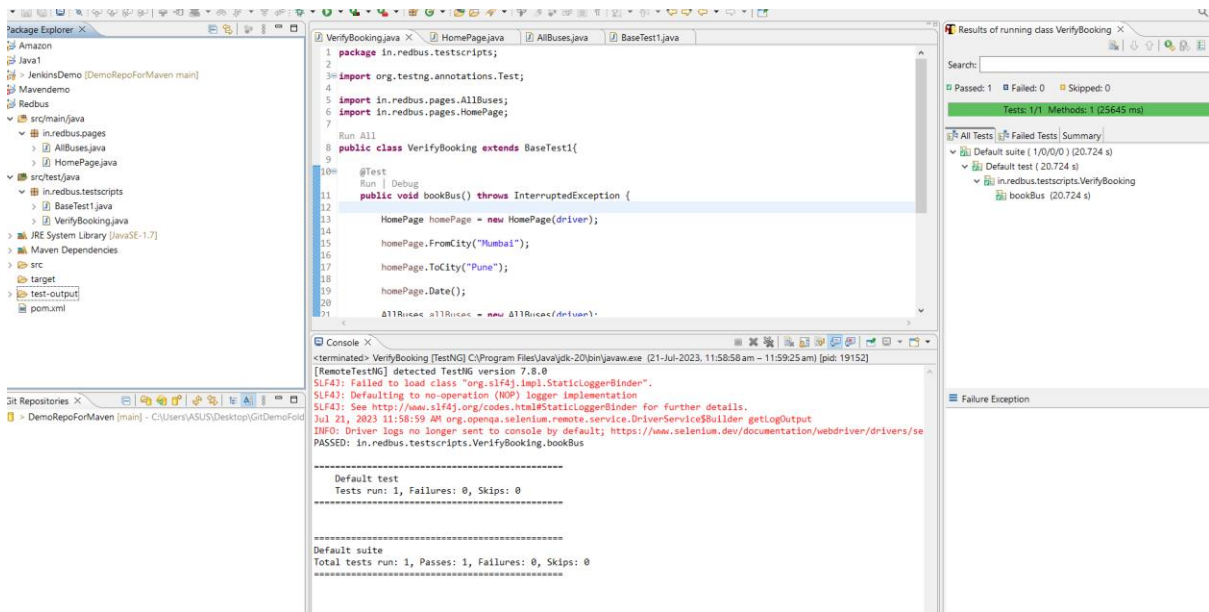
```java
1  package in.redbus.testscripts;
2
3  import org.testng.annotations.Test;
4
5  import in.redbus.pages.AllBuses;
6  import in.redbus.pages.HomePage;
7
   Run All
8  public class VerifyBooking extends BaseTest1{
9
10     @Test
       Run | Debug
11     public void bookBus() throws InterruptedException {
12
13         HomePage homePage = new HomePage(driver);
14
15         homePage.FromCity("Mumbai");
16
17         homePage.ToCity("Pune");
18
19         homePage.Date();
20
21         AllBuses allBuses = new AllBuses(driver);
22
23         allBuses.ViewBus();
24
25         allBuses.ViewSeat();
26
27         allBuses.BoardingPoint();
28
29         allBuses.DroppingPoint();
30
31         allBuses.ChooseSeat();
32     }
33 }
34
```

//output screenshot:

Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
Default suite							
Default test	1	0	0	0	25,395		

Class	Method	Start	Time (ms)
Default suite			
Default test — passed			
in.redbus.testscripts.VerifyBooking	bookBus	1689920944236	20724

Default test

in.redbus.testscripts.VerifyBooking#bookBus