import org.openqa.selenium.By;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.chrome.ChromeDriver;  
import org.openqa.selenium.firefox.FirefoxDriver;  
import org.testng.annotations.Test;  
  
public class lowest\_Flight\_16 {  
WebDriver dr;  
boolean found = false;   
@Test  
public void newTest() throws InterruptedException{  
  
System.setProperty("webdriver.gecko.driver", System.getProperty("user.dir")+"\\geckodriver\\geckodriver.exe");  
dr=new FirefoxDriver();  
/\* System.setProperty("webdriver.chrome.driver", "D:\\Chromedriver\\chromedriver.exe");  
dr=new ChromeDriver();\*/  
dr.manage().window().maximize();  
dr.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);  
dr.get("https://flights.makemytrip.com/)

//Select origin

driver.findElement(By.id("ctl00\_mainContent\_ddl\_originStation1\_CTXT")).sendKeys("DEL");

driver.findElement(By.linkText("Delhi (DEL)")).click();

//Select destination

driver.findElement(By.id("ctl00\_mainContent\_ddl\_destinationStation1\_CTXT")).sendKeys("BOM");

driver.findElement(By.linkText("Mumbai (BOM)")).click();

//get all the prices from the table  
List<WebElement> price = dr.findElements(By.xpath("//\*[@id='content']/div/div[5]/div[5]/div[2]/div/div[2]/div[2]/div[6]/p[1]/span[2]"));  
System.out.println(price.size());  
//put all the prices into array list and get the lowest prices  
ArrayList<Integer> prices=new ArrayList<Integer>();  
for(int i=0;i<price.size();i++){  
//System.out.println(price.get(i).getText());  
Integer priceInt = Integer.valueOf(price.get(i).getText().replace(",", ""));  
prices.add(priceInt);  
}  
Integer minPrice = Collections.min(prices);  
System.out.println("Min Price is "+minPrice);  
  
//compare all the prices with lowest price and click the corresponding book button  
List<WebElement> allBookbtn = dr.findElements(By.xpath("//\*[@id='content']/div/div[5]/div[5]/div[2]/div/div[2]/div[2]/div[7]/p/a"));  
Thread.sleep(3000);  
for(int i=0;i<price.size();i++){  
Integer priceInt1 = Integer.valueOf(price.get(i).getText().replace(",", ""));  
//String price1 = price.get(i).getText();  
System.out.println(priceInt1);  
if(priceInt1==minPrice){  
allBookbtn.get(i).click();  
break;  
}  
}   
}  
}