

## 1. Problem statement:

- Please try to configure Chrome Browser and navigate to <https://spicejet.com> .
- Select Round trip starting from Chennai to Bangalore dated on Dec 5, 2018 and return date on Dec 7, 2018.
- Select two adult passengers and select currency as USD
- Click on search and verify whether it is giving proper search results or not.

## 2. code with comments:

```
package com.ibm.seleniumconcepts;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.Alert;
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.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;

public class SpiceJetTicketBooking {

    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.gecko.driver",
            "./drivers/geckodriver.exe");
        System.setProperty("webdriver.chrome.driver",
            "./drivers/chromedriver.exe");
        System.setProperty("webdriver.ie.driver",
            "./drivers/IEDriverServer.exe");
        WebDriver driver=new ChromeDriver();
        WebDriverWait wait= new WebDriverWait(driver, 60);
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

        driver.get("https://spicejet.com");
        driver.manage().window().maximize();

        WebElement
roundTripEle=driver.findElement(By.id("ctl00_mainContent_rbbtn1_Trip_1"));
        roundTripEle.click();

        WebElement
fromDesEleDd=driver.findElement(By.id("ctl00_mainContent_ddl_originStation1_CTXAction"));
        fromDesEleDd.click();
        WebElement fromDesEle=driver.findElement(By.LinkText("Chennai (MAA)"));
        fromDesEle.click();
```

```

Thread.sleep(3000);

WebElement toDesEle=driver.findElement(By.LinkText("Bengaluru (BLR)"));
toDesEle.click();

WebElement fromDate=driver.findElement(By.LinkText("8"));
fromDate.click();

Thread.sleep(3000);

WebElement toDateCal=driver.findElement(By.cssSelector("#Div1 >
button.ui-datepicker-trigger"));
toDateCal.click();

WebElement toDate=driver.findElement(By.LinkText("9"));
toDate.click();

Thread.sleep(3000);

WebElement adultSelEle=driver.findElement(By.id("divpaxinfo"));
adultSelEle.click();

WebElement noAdultSelEle=driver.findElement(By.id("hrefIncAdt"));
noAdultSelEle.click();

WebElement doneEle=driver.findElement(By.id("btnclosepaxoption"));
doneEle.click();

WebElement
currencyEle=driver.findElement(By.id("ctl00_mainContent_DropDownListCurrency"));
currencyEle.click();

Select select=new Select(currencyEle);
select.selectByVisibleText("USD");

WebElement
searchEle=driver.findElement(By.id("ctl00_mainContent_btn_FindFlights"));
searchEle.click();

}

}

```

### 3. Explanation of the code:

Used Xpath, Dropdown Select class, id etc to find elements from the page to achieve the result

### 4. Result flow in detail:

Used Xpath, Dropdown Select class, id etc to find elements from the page to achieve the result

### 5. Output screenshot:

Selenium Projects - SeleniumConcepts/src/com/ibm/seleniumconcepts/SpiceJetTicketBooking.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- SeleniumConcepts
  - JRE System Library [jdk1.8.0\_191]
  - src
    - com.ibm.seleniumconcepts
      - jcpenry.java
      - MagentoLoginLogout.java
      - MagentoRegistration.java
      - SeleniumBrowser.java
      - SeleniumBrowser
        - main(String[]) : void
      - SpiceJetTicketBooking.java
    - Referenced Libraries
    - drivers

Chrome is being controlled by automated test software.

https://book.spicejet.com/Select.aspx

SpiceJet  
Real. Hot. Spicy.

BOOK ADD-ONS DEALS GIFT CARD SPICECLUB LOGIN / SIGNUP MENU

FLIGHTS TRAVELERS ADD-ONS PAYMENTS

Round Trip  
Chennai to Bengaluru

Depart Date  
8 Dec, Sat

Return Date  
9 Dec, Sun

Passengers  
2 Adult

Currency  
USD

Modify Search

CHOOSE A  
DEPARTURE FLIGHT

DEPART	ARRIVE	HAND BAGGAGE	SPICESAVER	SPICEMAX
		Cabin Baggage Only	Free Check-in Baggage	Priority Privileges, Free Meals, Extra Leg-room

FARE DETAILS  
[ US Dollar (USD) ]

<terminated> SpiceJetTicketBooking [Java Application] C:\Program Files\Java\jdk1.8.0\_191\bin\javaw.exe (Dec 6, 2018, 10:30:47 PM)  
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 21169  
Only local connections are allowed.  
Dec 06, 2018 10:30:55 PM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected dialect: OSS