

EXPERIMENT 22:SELENIUM TOOL FOR TICKET RESERVATION SYSTEM(IRCTC)

CODE:

```
package NM;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;
public class IRCTC {

    public static void main(String[] args) {
        System.out.println("hai");
        System.setProperty("webdriver.chrome.driver","C:\\csa3738\\csa37
class jar file\\Sellinium and junit\\selenium
jar\\chromedriver_win32\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.get("https://www.irctc.co.in/nget/train-search");
        // TODO Auto-generated method stub

    }

}
```

OUTPUT:

The image displays a screenshot of a computer screen with two windows. The left window is the Eclipse IDE, showing a Java file named `IRCTC.java`. The code is as follows:

```
1 package NM;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5
6 public class IRCTC {
7
8     public static void main(String[] args) {
9         System.out.println("hai");
10        System.setProperty("webdriver.chrome.driver", "C:\\Program Files\\Java\\jre1.8.0_211\\bin\\javaw.exe");
11        WebDriver driver = new ChromeDriver();
12        driver.get("https://www.irctc.co.in/nget/train-search");
13        // TODO Auto-generated method stub
14    }
15
16 }
17
18
19
```

The right window is a web browser displaying the IRCTC Next Generation eTicketing page. The page title is "IRCTC Next Generation eTicketing". The URL is `irctc.co.in/nget/train-search`. The page content includes the IRCTC logo, a "BOOK TICKET" button, and a "G20" logo. Below the "BOOK TICKET" button, there are input fields for "From", "To", and "Date". The date field is set to "25/05/2023". There are also checkboxes for "All Classes" and "GENERAL". At the bottom, there are checkboxes for "Person With Disability Concession", "Flexible With Date", "Train with Available Berth", and "Railway Pass Concession".

The console output in the Eclipse IDE shows the following messages:

```
IRCTC [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (25-May-2023, 10:34:48 pm)
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e391691)
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions.
ChromeDriver was started successfully.
[1685034291.436][WARNING]: This version of ChromeDriver has not been tested
May 25, 2023 10:34:51 PM org.openqa.selenium.devtools.cdpVersionFinder.findIf
WARNING: Unable to find an exact match for CDP version 113, so returning the
```