package JAVA\_CHROME\_DRIVER;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Open\_Chrome

{

public void ticket(String fromstn, String tostn, String traveldate)

{

WebDriver driver=new ChromeDriver();

driver.get("https://www.irctc.co.in/nget/train-search");

driver.manage().window().maximize();

WebElement searchfrom = driver.findElement(By.cssSelector("input[role='searchbox']"));

WebElement searchto = driver.findElement(By.cssSelector("input[aria-controls='pr\_id\_2\_list']"));

WebElement date = driver.findElement(By.cssSelector("input[class='ng-tns-c59-10 ui-inputtext ui-widget ui-state-default ui-corner-all ng-star-inserted']"));

WebElement datespecify= driver.findElement(By.cssSelector("label[for='dateSpecific']"));

WebElement search = driver.findElement(By.cssSelector("button[class='search\_btn train\_Search']"));

WebElement ok = driver.findElement(By.cssSelector("button[class='btn btn-primary']"));

ok.click();

searchfrom.sendKeys(fromstn);

try

{

Thread.sleep(500);

}

catch(Exception ex) {};

searchfrom.sendKeys("\n"); // to enter the option appearing in dropdown menu

searchto.sendKeys(tostn);

try

{

Thread.sleep(500);

}

catch(Exception exp) {};

searchto.sendKeys("\n");

date.sendKeys("\b\b\b\b\b\b\b\b\b\b");

date.sendKeys(traveldate+"\n");

try

{

Thread.sleep(500);

}

catch(Exception ee) {};

datespecify.click();

search.submit();

// while(url.equals(driver.getCurrentUrl()));

//System.out.println(driver.getCurrentUrl());

}

public static void runningStat(String trainnum,String st,char day) //throws Exception

{

WebDriver driver = new ChromeDriver();

String url2="https://enquiry.indianrail.gov.in/mntes/";

driver.get(url2);

try {Thread.sleep(4000);} //Intentionally added delay so that page will load its all html elements

catch(Exception e) {};

WebElement trainno = driver.findElement(By.cssSelector("input[id='trainNo']"));

trainno.sendKeys(trainnum);

try

{

Thread.sleep(8000);

}

catch(Exception e) {};

WebElement stn = driver.findElement(By.id("jStation"));

//stn.click();

//Select sel = new Select(stn); //Select Class used and webelement passed as object for drop down selection

stn.sendKeys(st);

stn.submit();

try

{

Thread.sleep(1000);

}

catch(Exception e){};

if(day=='Y')

{

WebElement selday = driver.findElement(By.name("jYesterday"));

selday.click();

}

else if(day=='P')

{

WebElement selday = driver.findElement(By.name("jToday"));

selday.click();

}

else

{

WebElement selday = driver.findElement(By.name("jTomorrow"));

selday.click();

}

}

public static void pnrEnquiry(String pnrnum)

{

WebDriver driver = new ChromeDriver();

String url3="https://www.indianrail.gov.in/enquiry/PNR/PnrEnquiry.html?locale=en";

driver.get(url3);

while(!url3.equals(driver.getCurrentUrl()));

WebElement pnr = driver.findElement(By.id("inputPnrNo"));

WebElement enter1 = driver.findElement(By.id("modal1"));

pnr.sendKeys(pnrnum);

JavascriptExecutor jsc = (JavascriptExecutor) driver;

jsc.executeScript("window.scrollBy(0,340)",""); //For scrolling

enter1.click();

}

public static void trainSchedule(String trainnum)

{

WebDriver driver = new ChromeDriver();

String url4="https://www.indianrail.gov.in/enquiry/SCHEDULE/TrainSchedule.html?locale=en";

driver.get(url4);

WebElement trainsch = driver.findElement(By.id("trainNo"));

trainsch.sendKeys(trainnum);

WebElement popup = driver.findElement(By.id("ui-id-1"));

try

{Thread.sleep(1000);

}

catch(Exception e) {};

popup.click();

WebElement searchsch = driver.findElement(By.id("modal1"));

searchsch.click();

}

public static void main(String[] args) throws Exception

{

System.setProperty("webdriver.chrome.driver","D:\\chromedriver.exe");

//runningStat();

//pnrEnquiry();

//trainSchedule();

// WebDriver driver = new ChromeDriver();

//new Open\_Chrome().Ticket();

// runningStat();

/\* driver.get("https://www.irctc.co.in/nget/train-search");

driver.manage().window().maximize();

WebElement searchfrom = driver.findElement(By.cssSelector("input[role='searchbox']"));

WebElement searchto = driver.findElement(By.cssSelector("input[aria-controls='pr\_id\_2\_list']"));

WebElement date = driver.findElement(By.cssSelector("input[class='ng-tns-c59-10 ui-inputtext ui-widget ui-state-default ui-corner-all ng-star-inserted']"));

WebElement datespecify= driver.findElement(By.cssSelector("label[for='dateSpecific']"));

WebElement search = driver.findElement(By.cssSelector("button[class='search\_btn train\_Search']"));

WebElement ok = driver.findElement(By.cssSelector("button[class='btn btn-primary']"));

// WebElement fetch = driver.findElement(By.className());

ok.click();

searchfrom.sendKeys("JABALPUR - JBP");

searchto.sendKeys("PUNE JN - PUNE");

date.sendKeys("\b\b\b\b\b\b\b\b\b\b");

date.sendKeys("01/08/2022");

datespecify.click();

String url=driver.getCurrentUrl();

search.submit();

while(url.equals(driver.getCurrentUrl()));

System.out.println(driver.getCurrentUrl());

\*/

/\*\*/

/\* String url2="https://enquiry.indianrail.gov.in/mntes/";

String trainnum="12024";

driver.get(url2);

try {Thread.sleep(8000);} //Intentionally added delay so that page will load its all html elements

catch(Exception e) {};

WebElement trainno = driver.findElement(By.cssSelector("input[id='trainNo']"));

trainno.sendKeys(trainnum);

try

{

Thread.sleep(2000);

}

catch(Exception e) {};

WebElement stn = driver.findElement(By.id("jStation"));

//stn.click();

//Select sel = new Select(stn); //Select Class used and webelement passed as object for drop down selection

stn.sendKeys("PNBE");

stn.submit();

String day="YESTERDAY";

try

{

Thread.sleep(1000);

}

catch(Exception e){};

if(day.equals("YESTERDAY"))

{

WebElement selday = driver.findElement(By.name("jYesterday"));

selday.click();

}

else if(day.equals("TODAY"))

{

WebElement selday = driver.findElement(By.name("jToday"));

selday.click();

}

else

{

WebElement selday = driver.findElement(By.name("jTomorrow"));

selday.click();

}

\*/

/\* String url3="https://www.indianrail.gov.in/enquiry/PNR/PnrEnquiry.html?locale=en";

driver.get(url3);

while(!url3.equals(driver.getCurrentUrl()));

WebElement pnr = driver.findElement(By.id("inputPnrNo"));

WebElement enter1 = driver.findElement(By.id("modal1"));

pnr.sendKeys("9876543297");

try

{

Thread.sleep(4000);

}

catch(Exception e) {};

enter1.click();

\*/

/\* String url4="https://www.indianrail.gov.in/enquiry/SCHEDULE/TrainSchedule.html?locale=en";

String trainnosch="11021";

driver.get(url4);

WebElement trainsch = driver.findElement(By.id("trainNo"));

trainsch.sendKeys(trainnosch);

WebElement popup = driver.findElement(By.id("ui-id-1"));

try

{Thread.sleep(1000);

}

catch(Exception e) {};

popup.click();

WebElement searchsch = driver.findElement(By.id("modal1"));

searchsch.click();

\*/

}

}s