**indexpageor.java**

**package** com.mysite.www.objectrepository;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**public** **class** indexpageor {

WebDriver driver;

**public** indexpageor(WebDriver driver){

**this**.driver = driver;

}

**public** WebElement firstname() {

**return** driver.findElement(By.*xpath*("//input[@id='firstname']"));

}

**public** WebElement lasttname() {

**return** driver.findElement(By.*xpath*("//input[@id='lastname']"));

}

**public** WebElement dob() {

**return** driver.findElement(By.*xpath*("//input[@id='dob']"));

}

**public** WebElement otp() {

**return** driver.findElement(By.*xpath*("//input[@id='otp']"));

}

**public** WebElement place() {

**return** driver.findElement(By.*xpath*("//input[@id='place']"));

}

**public** WebElement city() {

**return** driver.findElement(By.*xpath*("//input[@id='city']"));

}

}

**CommonFunctions.java**

**package** com.mysite.www.functions;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**public** **class** CommonFunctions {

**public** **int** getcurrenttimeinsec() {

SimpleDateFormat sdf24hrs = **new** SimpleDateFormat("HH:mm:ss");

Date date24hrs = **new** Date();

String timeinsec = sdf24hrs.format(date24hrs);

String[] arr1 = timeinsec.split(":");

**int** timeinsecinint = Integer.*parseInt*(arr1[0])\*60\*60+Integer.*parseInt*(arr1[1])\*60+Integer.*parseInt*(arr1[2]);

**return** timeinsecinint;

}

}

**UserInputSel.java**

**package** com.mysite.www.test;

**import** java.text.ParseException;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.Test;

**import** com.mysite.www.functions.CommonFunctions;

**import** com.mysite.www.objectrepository.indexpageor;

**public** **class** UserInputSel {

@Test

**public** **static** **void** testwithotp() **throws** InterruptedException, ParseException {

System.*setProperty*("webdriver.chrome.driver", "C:\\BrowserDrivers\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

//Open the webpage

driver.get("file:///D:/Outlook%20Automation/index.html");

indexpageor ip = **new** indexpageor(driver);

//Enter first name

ip.firstname().sendKeys("Subbu");

ip.lasttname().sendKeys("Padala");

ip.dob().sendKeys("25/08/1978");

//Enter OTP manually

CommonFunctions cf = **new** CommonFunctions();

**int** waittime = 10;

**int** curtime = cf.getcurrenttimeinsec();

String otp = **null**;

JavascriptExecutor js = (JavascriptExecutor) driver;

**boolean** otpnotentered = **true**;

orig: **while**(otpnotentered) {

**int** outerlooptime = cf.getcurrenttimeinsec();

otp = (String) js.executeScript("return document.getElementById('otp').value;");

**if**(outerlooptime - curtime > waittime) {

otp = "nothing";

**break**;

}

**if**(otp.length() == 6) {

otpnotentered = **false**;

**break**;

}

**else** {

**while**(**true**) {

**int** rechecktime = cf.getcurrenttimeinsec();

**if**(rechecktime-outerlooptime >= 5) {

**continue** orig;

}

}

}

}

**if**(otp.equals("nothing")) {

System.***out***.println("OTP not entered in waittime. Exiting....");

driver.close();

}

Assert.*assertEquals*(otpnotentered, **false**);

ip.place().sendKeys("Manikonda");

ip.city().sendKeys("Hyderabad");

Thread.*sleep*(5000);

driver.close();

}

}