//set the chrome drive location

System.setProperty("webdriver.chrome.driver","src/main/resources/chromedriver");

//setting the chrome options before defining the driver

ChromeOptions options = new ChromeOptions();

//set driver to be maximized (doesn't work on mac)

//options.addArguments("start-maximized");

//set the driver to incognito mode(private) (doesn't work on mac)

options.addArguments("incognito");

//run in headless mode

//options.addArguments("headless");

//defining the web driver that you will be using

WebDriver driver = new ChromeDriver(options);

ArrayList<String> locations = new ArrayList<>();

locations.add("New York");

locations.add("Miami");

locations.add("Los Angeles");

ArrayList<String> checkIn = new ArrayList<>();

checkIn.add("09/28/20");

checkIn.add("09/29/20");

checkIn.add("09/30/20");

ArrayList<String> checkOut = new ArrayList<>();

checkOut.add("10/15/20");

checkOut.add("10/16/20");

checkOut.add("10/17/20");

ArrayList<String> rooms = new ArrayList<>();

rooms.add("1");

rooms.add("2");

rooms.add("3");

ArrayList<String> adults = new ArrayList<>();

adults.add("1");

adults.add("2");

adults.add("3");

//navigate to hotels.com website

driver.navigate().to("https://www.hotels.com");

Thread.sleep(2000);

for (int i = 0;i < locations.size();i++){

try{

WebElement searchField = driver.findElement(By.xpath("//\*[@name='q-destination']"));

searchField.clear();

searchField.sendKeys(locations.get(i));

} catch (Exception err) {

System.out.println("Unable to enter location name" + err);

}//end of send location exception

Thread.sleep(1000);

try{

driver.findElement(By.xpath("//\*[@class='autosuggest-category-result']")).click();

} catch (Exception err) {

System.out.println("Unable to click on suggestion" + err);

}//end of click suggestion exception

Thread.sleep(2000);

try {

WebElement checkIn\_Field = driver.findElement(By.xpath("//\*[@name'q-localised-check-in']"));

checkIn\_Field.clear();

checkIn\_Field.sendKeys(checkIn.get(i));

} catch (Exception err){

System.out.println("Unable to enter check in date" + err);

}//end of check in exception

try {

WebElement checkOut\_Field = driver.findElement(By.xpath("//\*[@name'q-localised-check-out']"));

checkOut\_Field.clear();

checkOut\_Field.sendKeys(checkOut.get(i));

} catch (Exception err){

System.out.println("Unable to enter check out date" + err);

}//end of check out exception

}//end of for loop

}//end of main method

}//end of class