

Automation Testing (Selenium) Code for Book Hub Website project:

```
package Selenium_Project;

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

public class MyProject {

    public static void main(String[] args) throws InterruptedException {

        System.setProperty("Webdriver.chrome.driver",

"C:\\Users\\Pratiksha\\Desktop\\chromedriver_win32\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();

        // Open Grocery website
        driver.get("file:///C:/Users/Pratiksha/Desktop/Project/index.html#products");
        System.out.println(driver.getTitle());

        driver.findElement(By.id("search-btn")).click();
        Thread.sleep(1000);
        driver.findElement(By.xpath("/html/body/header/form[1]/input")).sendKeys("Fresh
orange"); Thread.sleep(1000);
        driver.findElement(By.id("cart-btn")).click();
        Thread.sleep(1000);
        driver.findElement(By.xpath("//*[@id=\"login-btn\"]")).click();
        Thread.sleep(1000);

        driver.findElement(By.xpath("/html/body/header/form[2]/input[1]")).sendKeys("pratiksha 6037@gmai l.com");
        driver.findElement(By.xpath("/html/body/header/form[2]/input[2]")).sendKeys("Edubridge@#1234");
        driver.findElement(By.xpath("/html/body/header/form[2]/input[3]")).click();
        Thread.sleep(1000);
```

```

    driver.findElement(By.xpath("/html/body/header/nav/a[1]")).click();//Home
    Thread.sleep(1000);
    driver.findElement(By.xpath("/html/body/header/nav/a[2]")).click();//for features
    Thread.sleep(1000);
    driver.findElement(By.xpath("/html/body/header/nav/a[3]")).click();// for products
    Thread.sleep(1000);

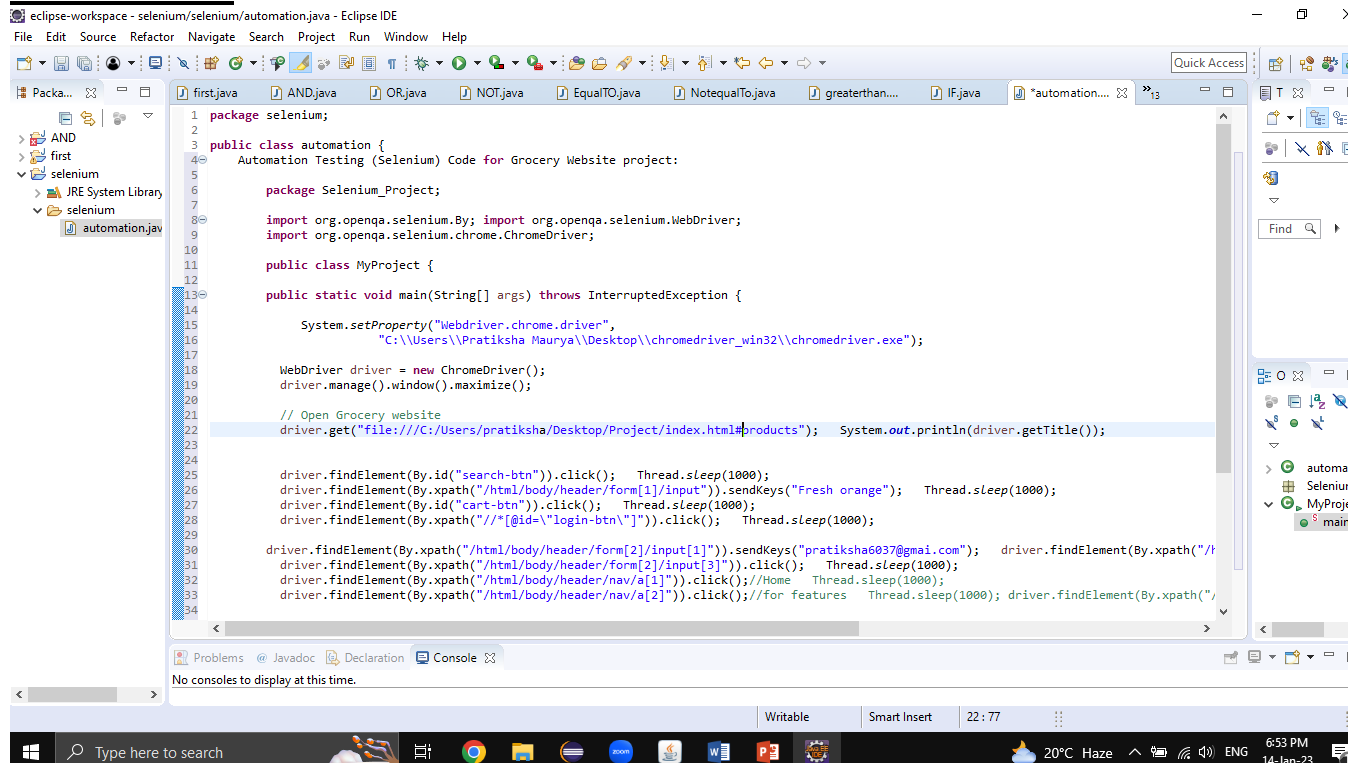
    driver.findElement(By.xpath("/html/body/header/nav/a[4]")).click();// for Categories
    Thread.sleep(1000);
    driver.findElement(By.xpath("/html/body/header/nav/a[5]")).click();//for Review
    Thread.sleep(1000);
    driver.findElement(By.xpath("/html/body/header/nav/a[6]")).click();//for Blogs
    Thread.sleep(1000);

    driver.findElement(By.xpath("/html/body/section[7]/div[1]/div[4]/input[1]")).sendKeys("pratiks
    ha6037@gmail.com");
    Thread.sleep(2000);
    //driver.findElement(By.xpath("/html/body/section[7]/div[1]/div[4]/input[2]")).click();
    driver.quit();
}
}

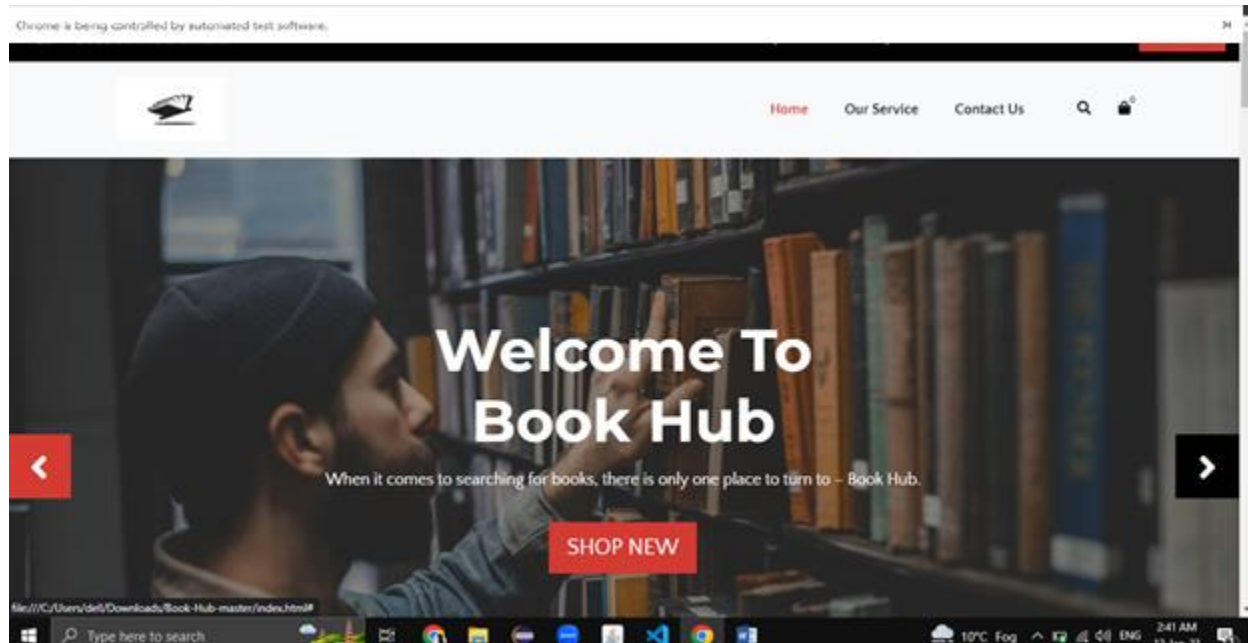
```

Screenshots of Automation Testing:

Launch Website



Open Home page:



Automation ++testing of Cucumber:

```
package StepsUser;

import
io.cucumber.java.
en.And; import
io.cucumber.java.
en.Give n;
import
io.cucumber.java.
en.Then
; import
io.cucumber.java.
en.Whe n; public
class LoginUser
{ @Given("user
is on login page")
public void
user_is_on_login
_page()
{
System.out.println("Inside Steps - user is on login page");

}

@When("user enters username and password")

public void user_enters_username_and_password() {
System.out.println("Inside Steps - user enters username and
password");
}

@And("clicks on login button")

public void clicks_on_login_button() {
System.out.println("Inside Steps - clicks on login
button");
}

@Then("user is navigated to the home page")
```

```
public void user_is_navigated_to_the_home_page() {  
    System.out.println("Inside Steps - user is navigated to  
    the home page"); } }
```

Features of Cucumber:

Feature: features to Amazon

functionality **Scenario:** Check

Amazon with selenium credentials

Given user is on visit page

When user enters correct values

And clicks on button

Then user is directed to the homepage

Screenshots of Cucumber:

Login Page:

