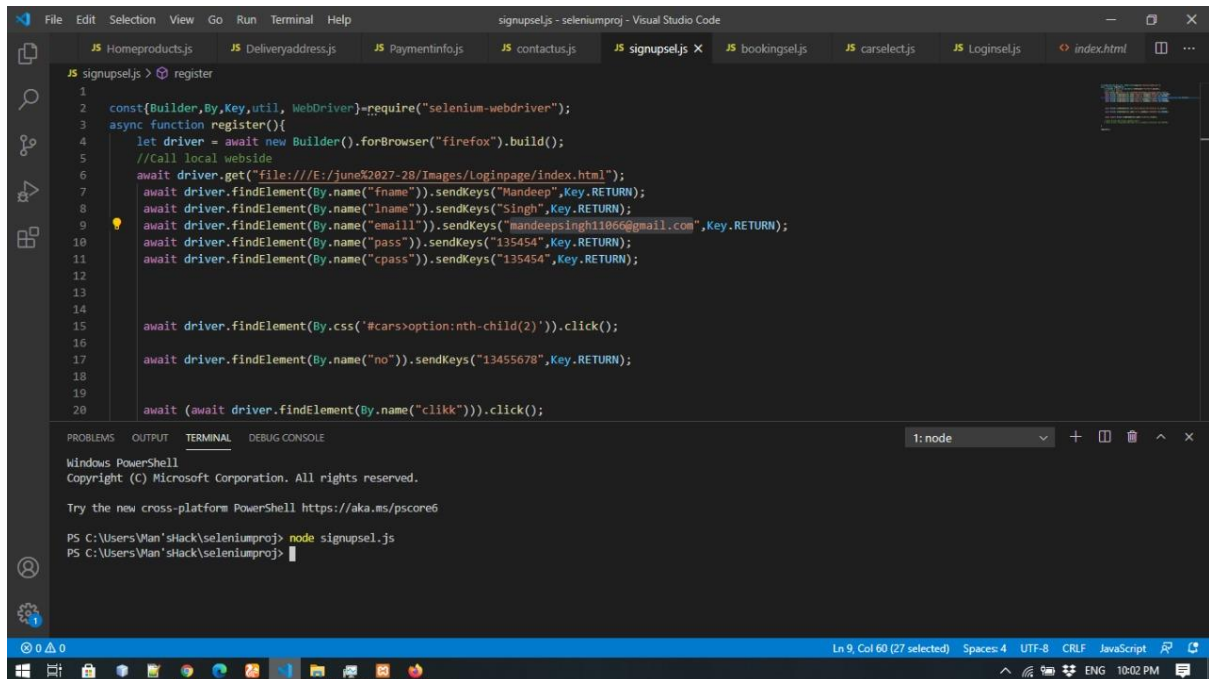


SPRINT 4

We have applied end to end automation testing in our website with the help of selenium below are the screenshot reflecting that.

Signup Script using node.js



The screenshot shows the Visual Studio Code editor with a file named `signupsel.js` open. The script is written in JavaScript and uses Selenium WebDriver to automate a registration process. The code includes imports for `selenium-webdriver`, a `register` function, and a series of `await` statements to interact with a web browser. The browser is set to Firefox. The script navigates to a local file, enters the name 'Mandeep Singh', email 'mandeepsingh11066@gmail.com', and password '135454'. It also selects a car from a dropdown menu and clicks the 'REGISTER' button. The terminal at the bottom shows the command `node signupsel.js` being executed in a PowerShell window.

```
1 const {Builder, By, Key, until, WebDriver} = require("selenium-webdriver");
2
3 async function register(){
4   let driver = await new Builder().forBrowser("firefox").build();
5   //Call local webside
6   await driver.get("file:///E:/june%2027-28/Images/Loginpage/index.html");
7   await driver.findElement(By.name("fname")).sendKeys("Mandeep",Key.RETURN);
8   await driver.findElement(By.name("lname")).sendKeys("Singh",Key.RETURN);
9   await driver.findElement(By.name("email")).sendKeys("mandeepsingh11066@gmail.com",Key.RETURN);
10  await driver.findElement(By.name("pass")).sendKeys("135454",Key.RETURN);
11  await driver.findElement(By.name("cpass")).sendKeys("135454",Key.RETURN);
12
13
14
15  await driver.findElement(By.css("#cars>option:nth-child(2)")).click();
16
17  await driver.findElement(By.name("no")).sendKeys("13455678",Key.RETURN);
18
19
20  await (await driver.findElement(By.name("clikk"))).click();
```

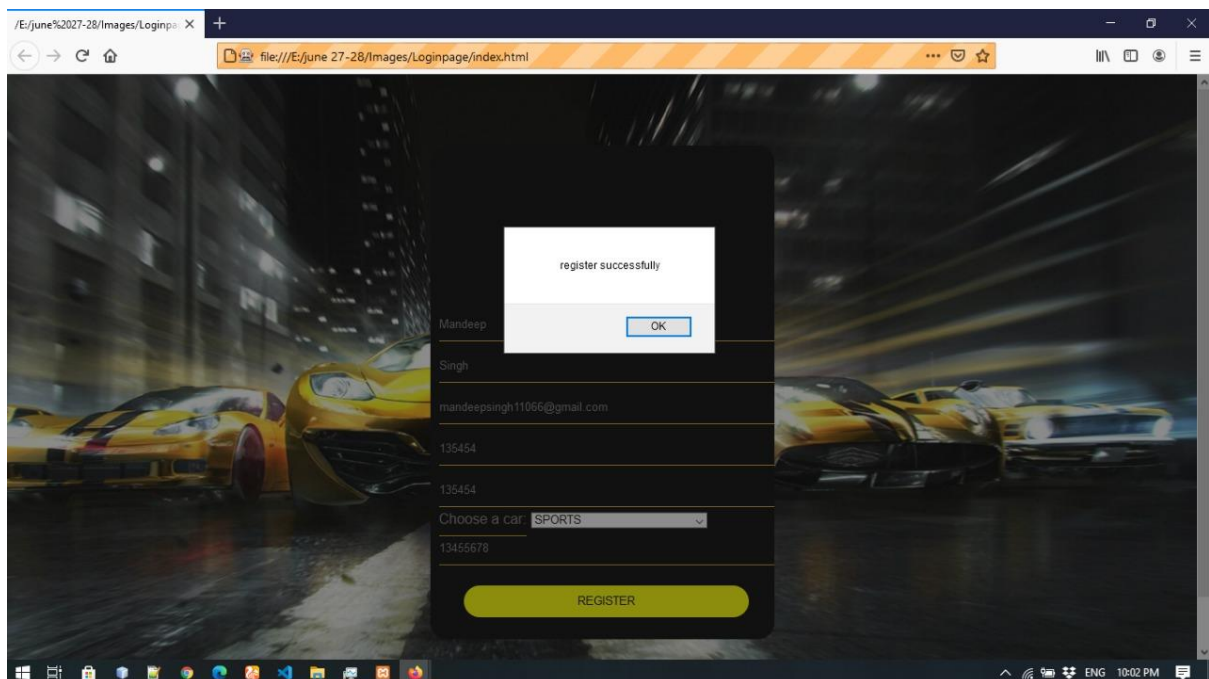
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE 1: node

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

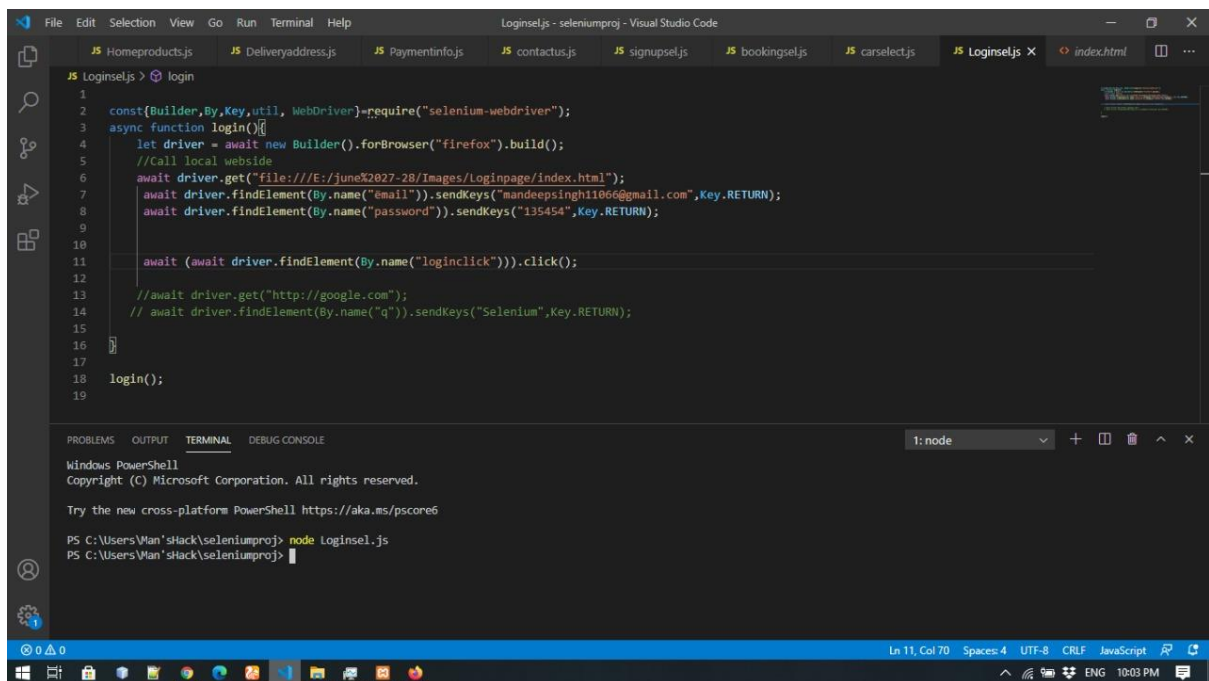
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Wan\shack\seleniumproj> node signupsel.js
PS C:\Users\Wan\shack\seleniumproj>

Ln 9, Col 60 (27 selected) Spaces: 4 UTF-8 CRLF JavaScript



Login Script using node.js

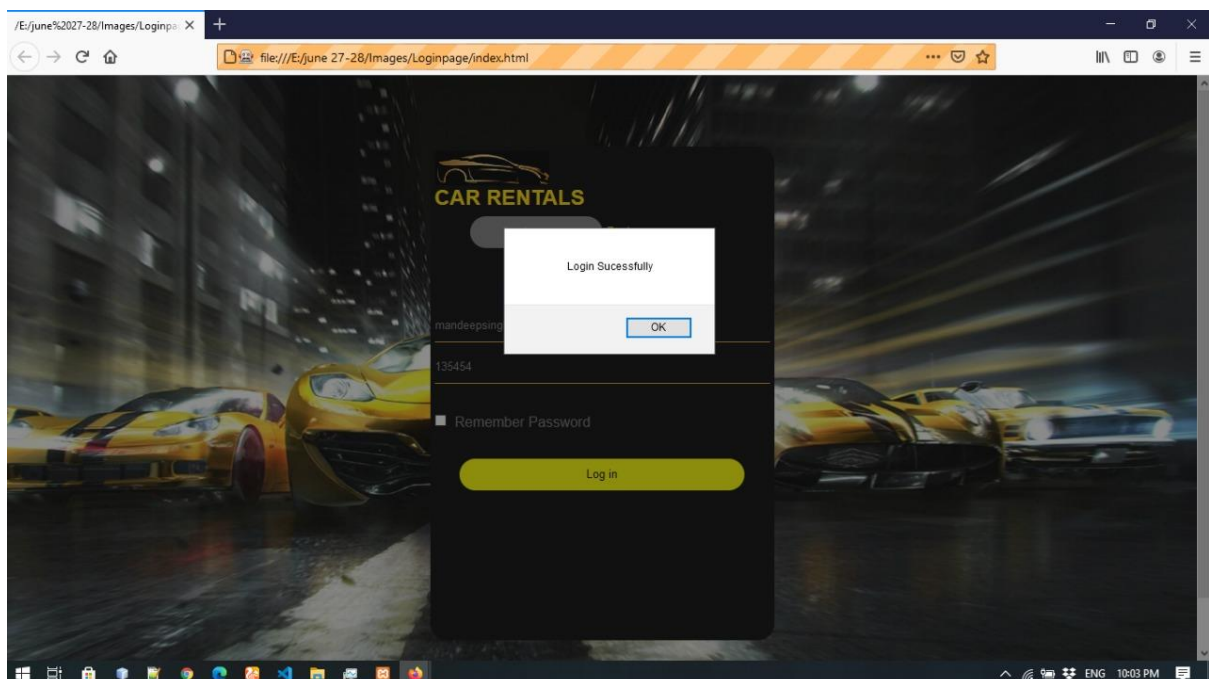


The screenshot shows the Visual Studio Code editor with a project named 'Loginsejs - seleniumproj'. The 'Loginsejs.js' file contains the following JavaScript code:

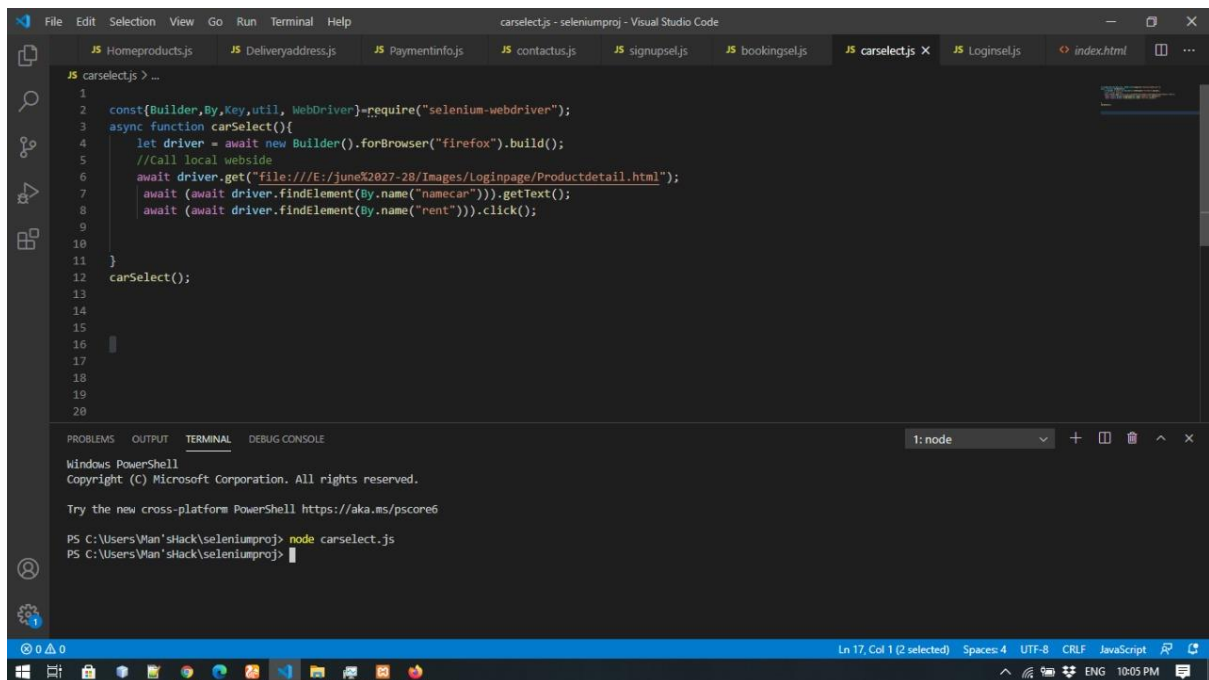
```
1 const {Builder, By, Key, until, WebDriver} = require("selenium-webdriver");
2
3 async function login() {
4   let driver = await new Builder().forBrowser("firefox").build();
5   //Call local website
6   await driver.get("file:///E:/june%2027-28/Images/Loginpage/index.html");
7   await driver.findElement(By.name("email")).sendKeys("mandeepsingh1106@gmail.com", Key.RETURN);
8   await driver.findElement(By.name("password")).sendKeys("135454", Key.RETURN);
9
10
11   await (await driver.findElement(By.name("loginclick"))).click();
12
13   //await driver.get("http://google.com");
14   // await driver.findElement(By.name("q")).sendKeys("Selenium", Key.RETURN);
15
16
17
18   login();
19 }
```

The terminal at the bottom shows the command prompt running the script:

```
PS C:\Users\Wan\shack\seleniumproj> node Loginsejs.js
PS C:\Users\Wan\shack\seleniumproj>
```



Cars Script using node.js



The screenshot shows the Visual Studio Code editor with a file named `carselect.js` open. The script uses Selenium WebDriver to interact with a local website. The terminal window shows the command `node carselect.js` being executed in a PowerShell prompt.

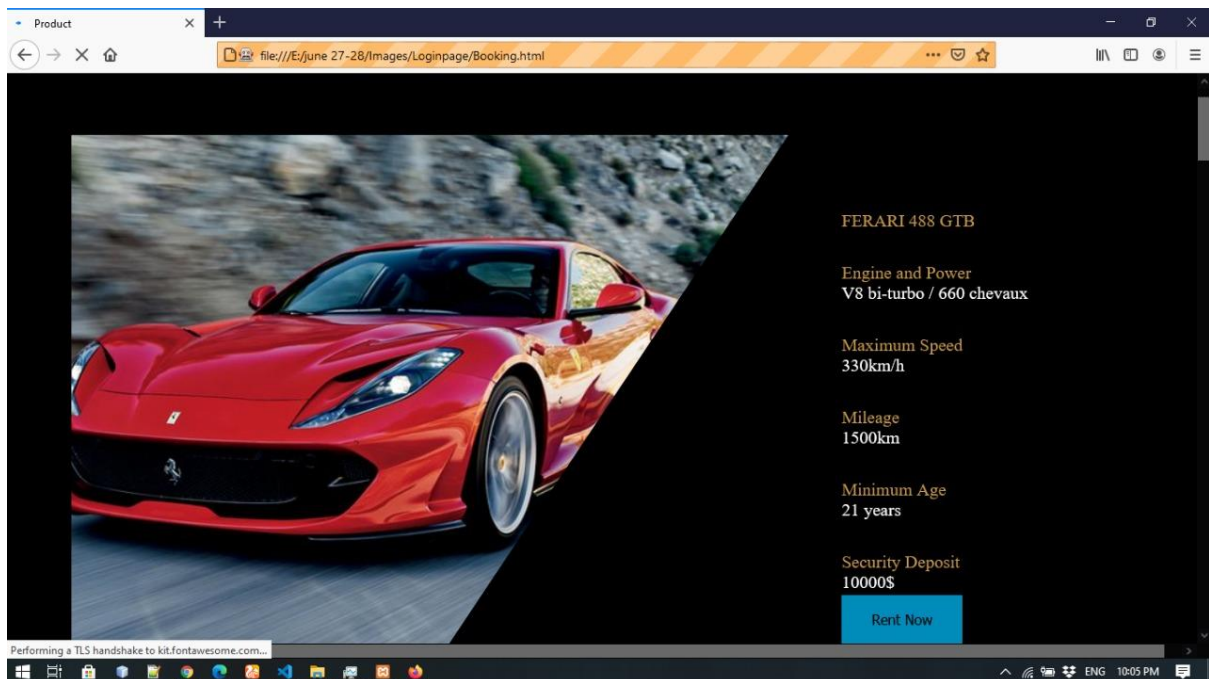
```
1
2 const {Builder, By, Key, until, WebDriver} = require("selenium-webdriver");
3 async function carSelect(){
4     let driver = await new Builder().forBrowser("firefox").build();
5     //Call local webside
6     await driver.get("file:///E:/june2027-28/Images/Loginpage/Productdetail.html");
7     await (await driver.findElement(By.name("namecar"))).getText();
8     await (await driver.findElement(By.name("rent"))).click();
9
10 }
11
12 carSelect();
13
14
15
16
17
18
19
20
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE 1: node

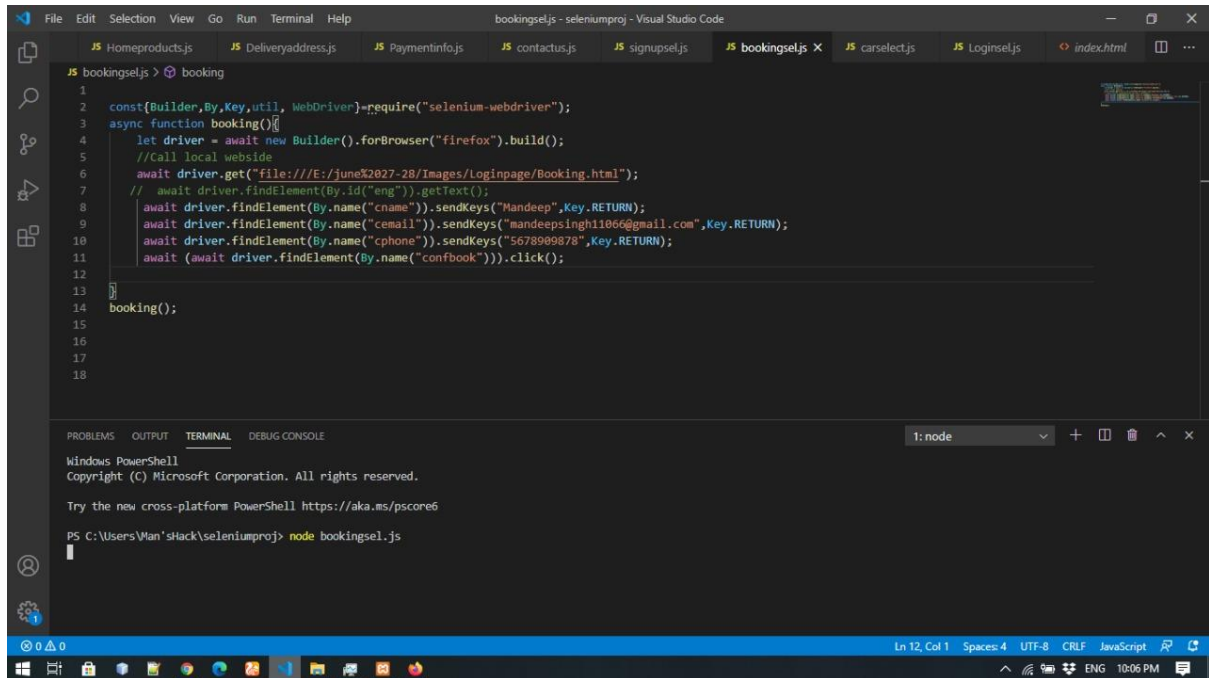
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Wan\shack\seleniumproj> node carselect.js
PS C:\Users\Wan\shack\seleniumproj>



Booking Script using node.js



```
1 const {Builder, By, Key, until, WebDriver} = require("selenium-webdriver");
2 async function booking() {
3   let driver = await new Builder().forBrowser("firefox").build();
4   //Call local webside
5   await driver.get("file:///E:/june2027-28/Images/Loginpage/Booking.html");
6   // await driver.findElement(By.id("eng")).getText();
7   await driver.findElement(By.name("cname")).sendKeys("Mandeep", Key.RETURN);
8   await driver.findElement(By.name("cemail")).sendKeys("mandeepsingh1066@gmail.com", Key.RETURN);
9   await driver.findElement(By.name("cphone")).sendKeys("5678909878", Key.RETURN);
10  await (await driver.findElement(By.name("confbook"))).click();
11
12
13
14  booking();
15
16
17
18
```

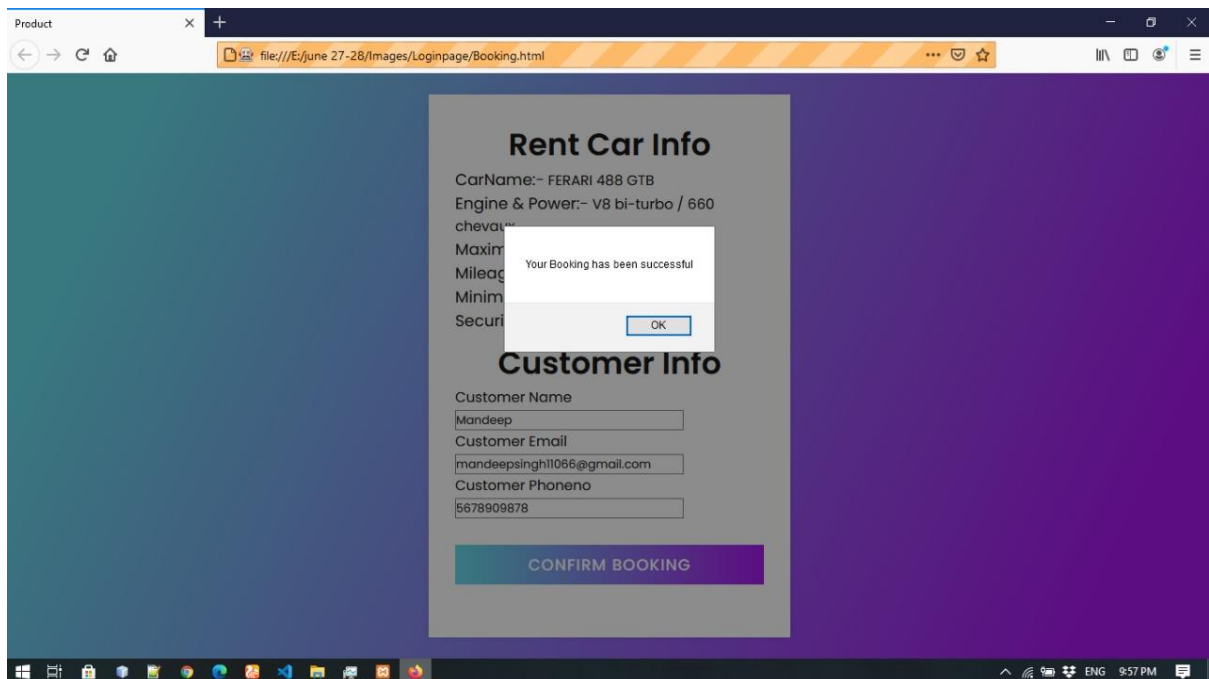
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

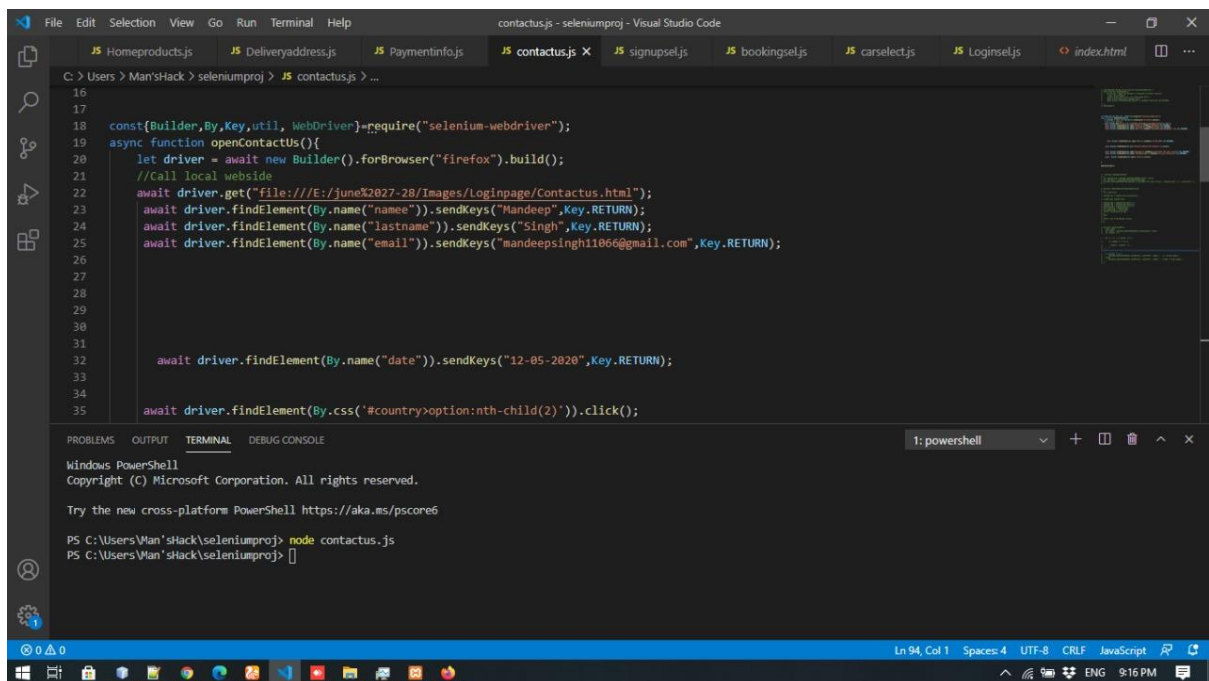
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Man'sHack\seleniumproj> node bookingsel.js

Ln 12, Col 1 Spaces: 4 UTF-8 CRLF JavaScript



Contact us Script using node.js



The screenshot shows the Visual Studio Code editor with a file named `contactus.js` open. The script uses Selenium WebDriver to interact with a contact form. The terminal window at the bottom shows the command `node contactus.js` being executed successfully.

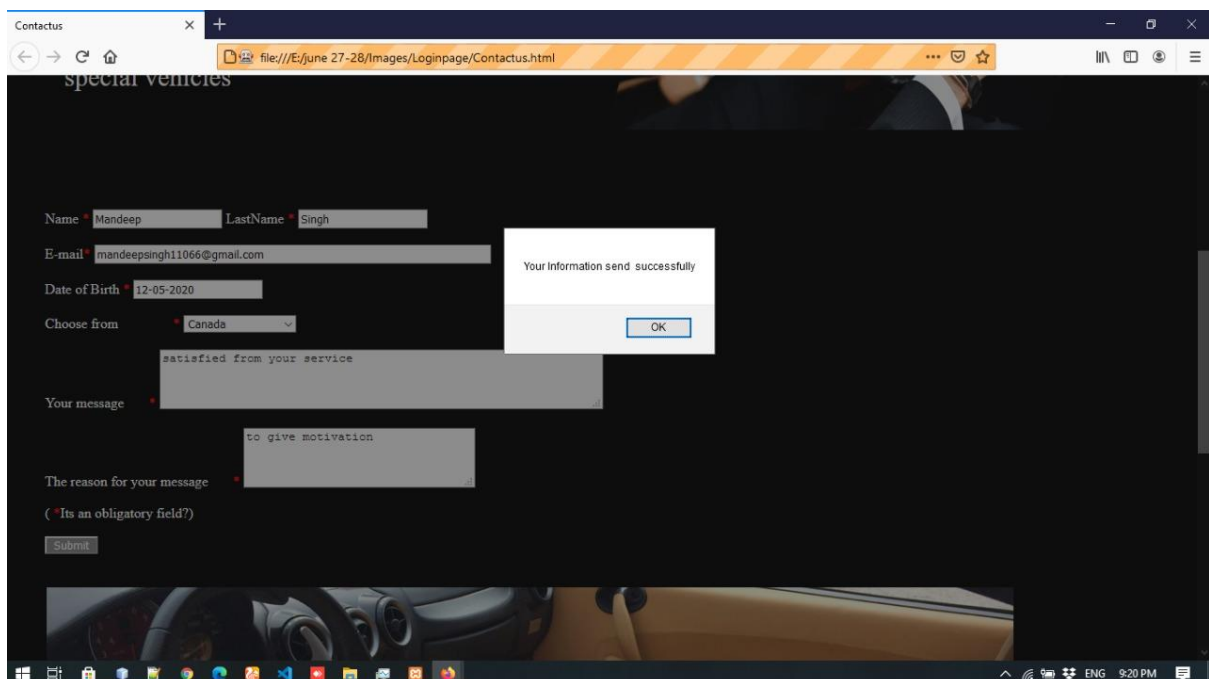
```
16
17
18 const {Builder, By, Key, until, WebDriver} = require("selenium-webdriver");
19 async function openContactUs(){
20     let driver = await new Builder().forBrowser("firefox").build();
21     //Call local webside
22     await driver.get("file:///E:/june%2027-28/Images/Loginpage/Contactus.html");
23     await driver.findElement(By.name("name")).sendKeys("Mandeep", Key.RETURN);
24     await driver.findElement(By.name("lastname")).sendKeys("Singh", Key.RETURN);
25     await driver.findElement(By.name("email")).sendKeys("mandeepsingh11066@gmail.com", Key.RETURN);
26
27
28
29
30
31
32     await driver.findElement(By.name("date")).sendKeys("12-05-2020", Key.RETURN);
33
34
35     await driver.findElement(By.css("#country>option:nth-child(2)")).click();
```

Terminal Output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Wan'sHack\seleniumproj> node contactus.js
PS C:\Users\Wan'sHack\seleniumproj>
```



OBSTACLES FACED IN THIS SPRINT.

OBSTACLE FACED IN selenium: By default access was restricted we resolved by giving access from the firewall.

OBSTACLES FACED IN JAVASCRIPT: We are unable to select the dropdown menu from the selenium we resolved by using css selector.

TASK DISTRIBUTION

NAME	TASK	DAYS
Harsh Patel	Testing the booking page and car details page	Thursday and Friday.
Mandeep Singh	Selenium on all the pages.	Monday, Tuesday, Wednesday
Gagandeep	Testing the login and signup pages.	Thursday and Friday.
Amritpal Singh	Testing the contact us and cars page.	Thursday, Friday