

### **Exercise 1-1: Run the Email list application**

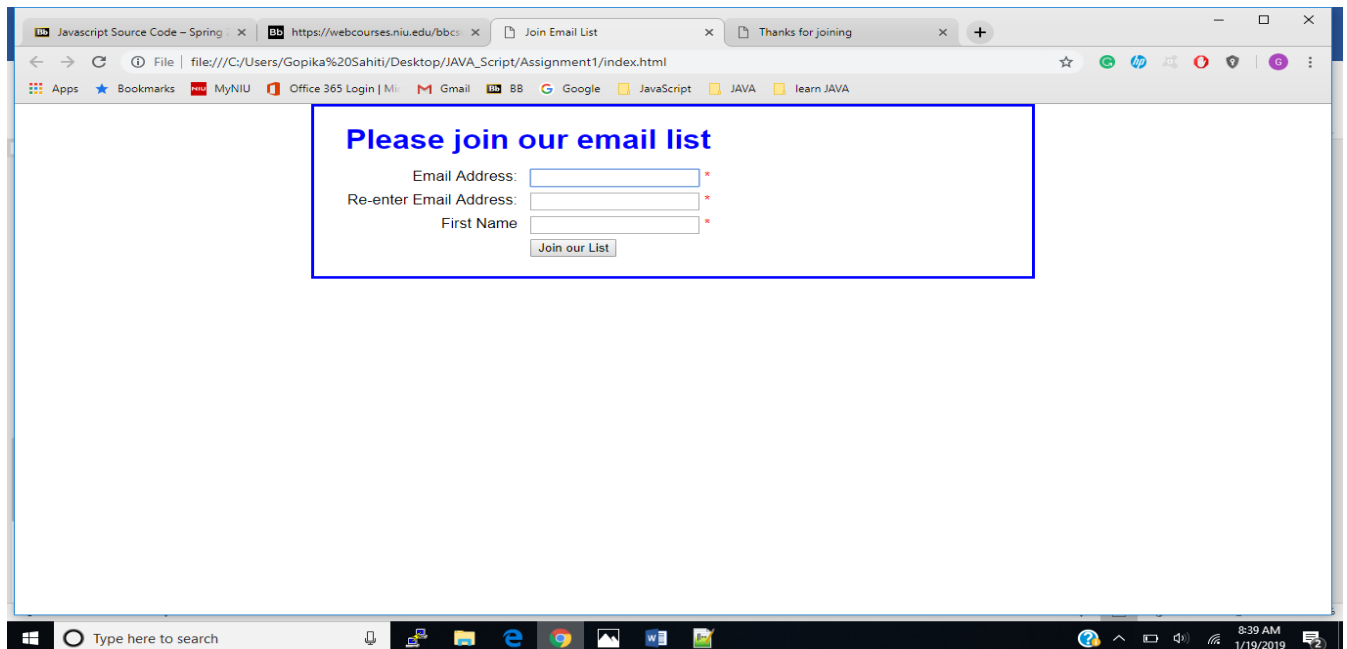
**Step1:** Write a code of how the html page should like in a text editor and save it as email\_list.css

**Step2:** Write a JavaScript linking the input fields of the index.html page using conditional statements. Save this file as email\_list.js

**Step3:** Write a html code to display the contents of webpage where the user enters the username and first name and clicks a submit button. Save this file as index.html

**Step4:** Write a code to display the resulting webpage (provided that all the input fields are correct) which displays the message “thanks for joining” after the submit button is pressed on index.html. Save this file as join.html.

**Step5:** Place all the above files in the same folder and open index.html and see if the webpage looks as intended.



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**Step6:** Click join our list button to test what happens when you don't enter any data. It indicates that the required fields are to be filled to join the email list. We have written a code for this functionality in email\_list.js

**Please join our email list**

Email Address:  This field is required.

Re-enter Email Address:  This field is required.

First Name:  This field is required.

**Step7:** Enter email address in the first text box and invalid data in second text box and click join out list button to see what error message appears. It indicates an error saying that the second entry must be equal to first.

**Please join our email list**

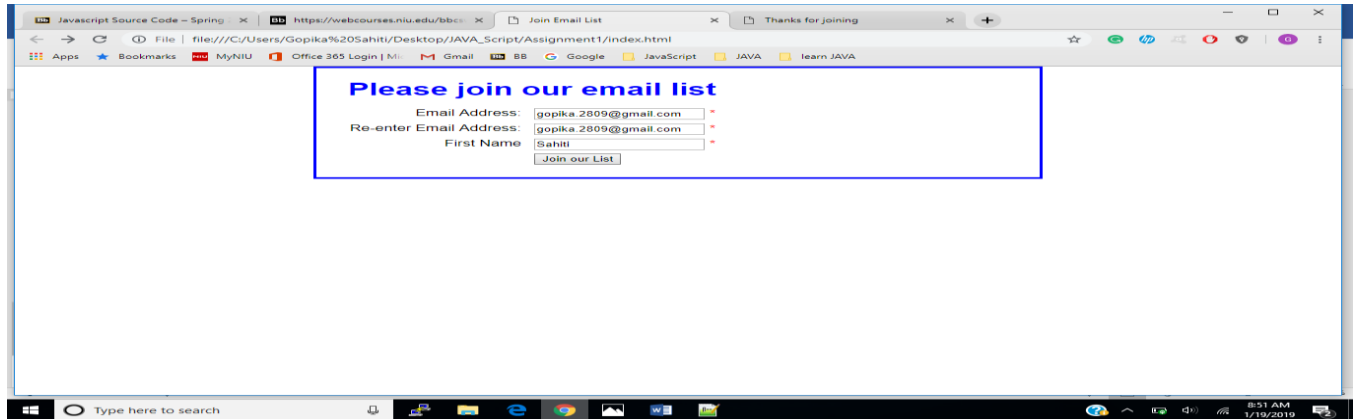
Email Address:

Re-enter Email Address:  This entry must equal first entry.

First Name:  This field is required.

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**Step8:** Enter valid data in all the three boxed and then click the join our list button to see the resulting webpage.



JavaScript Source Code – Spring x https://webcourses.niu.edu/bbco... x Join Email List x Thanks for joining x

file:///C:/Users/Gopika%20Sahiti/Desktop/JAVA\_Script/Assignment1/index.html

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**Please join our email list**

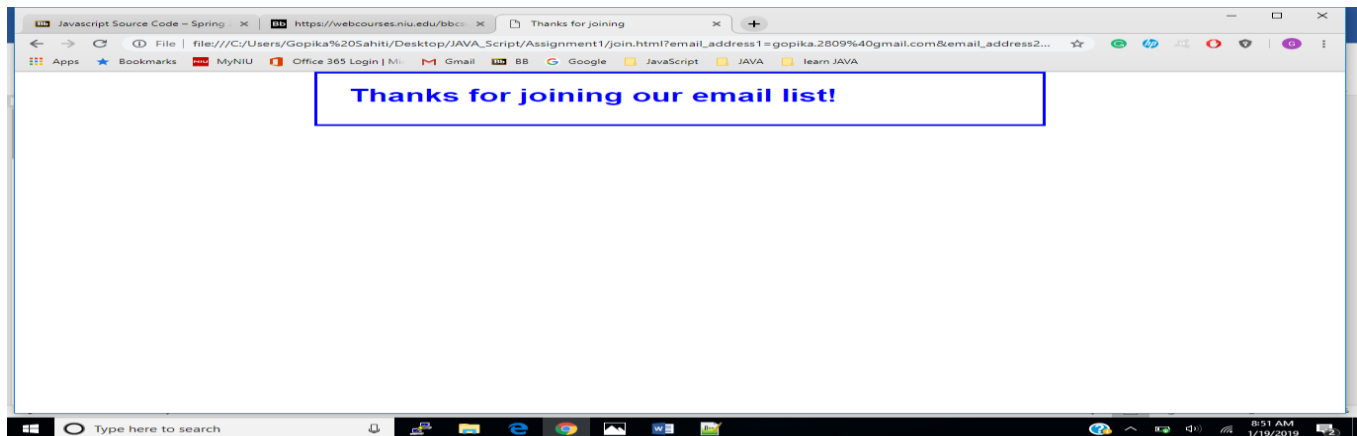
Email Address: gopika.2809@gmail.com

Re-enter Email Address: gopika.2809@gmail.com

First Name: Sahiti

Join our List

Type here to search 8:51 AM 1/19/2019



JavaScript Source Code – Spring x https://webcourses.niu.edu/bbco... x Thanks for joining x

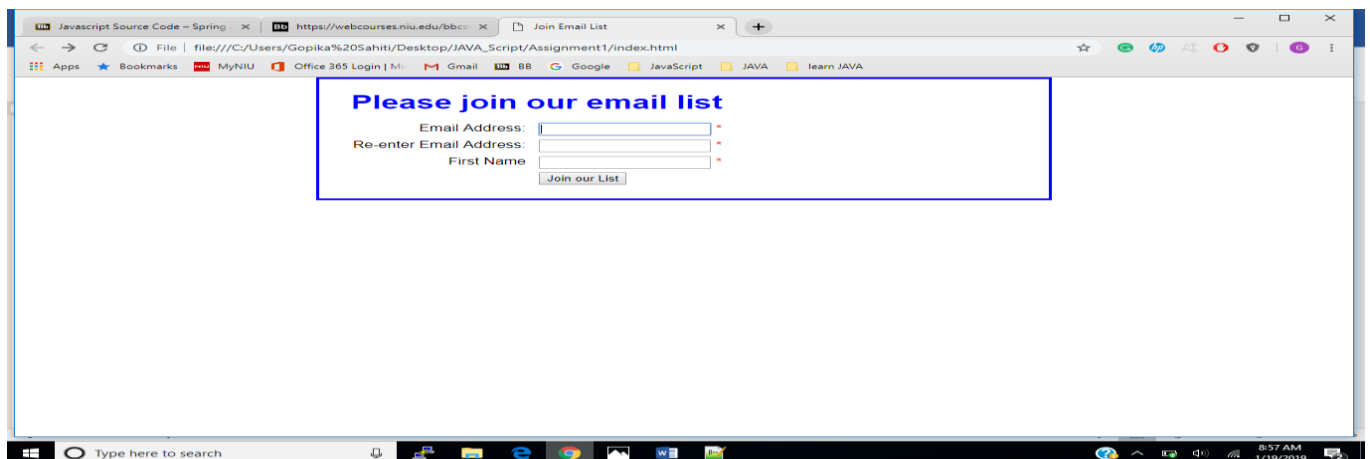
file:///C:/Users/Gopika%20Sahiti/Desktop/JAVA\_Script/Assignment1/join.html?email\_address1=gopika.2809%40gmail.com&email\_address2...

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**Thanks for joining our email list!**

Type here to search 8:51 AM 1/19/2019

**Step9:** To rerun the application click on the back button and reload the page which resets the entries.



JavaScript Source Code – Spring x https://webcourses.niu.edu/bbco... x Join Email List x

file:///C:/Users/Gopika%20Sahiti/Desktop/JAVA\_Script/Assignment1/index.html

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**Please join our email list**

Email Address:

Re-enter Email Address:

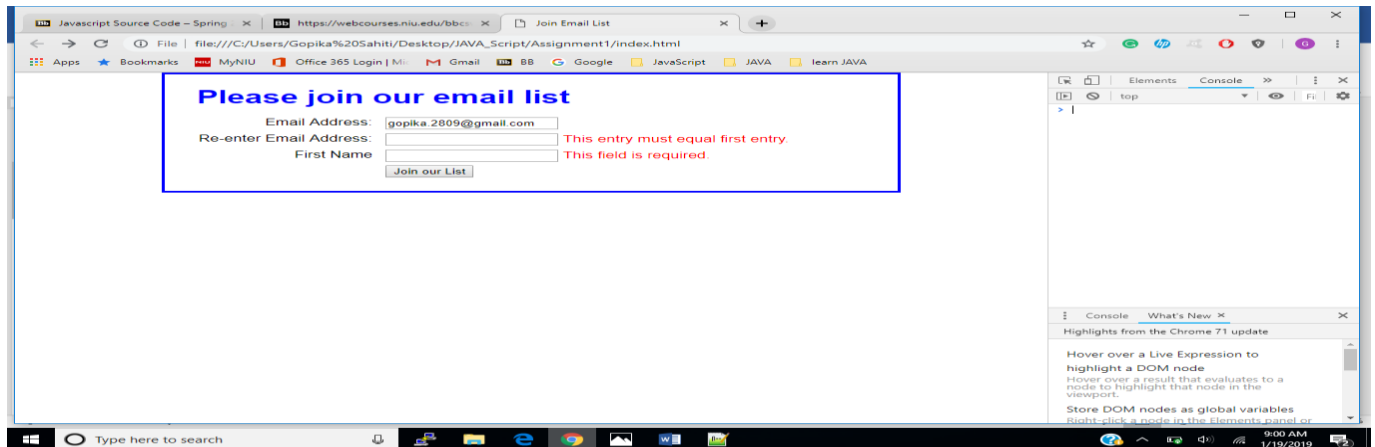
First Name:

Join our List

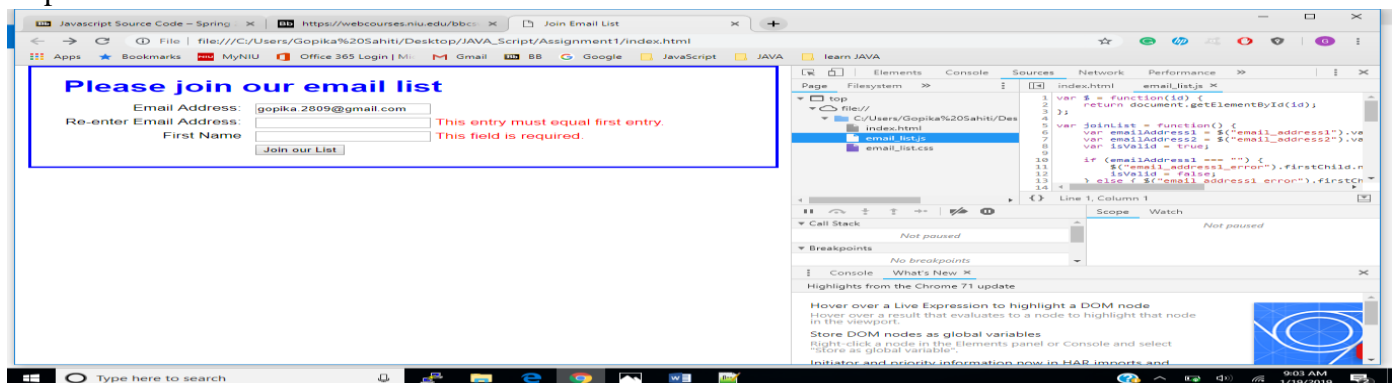
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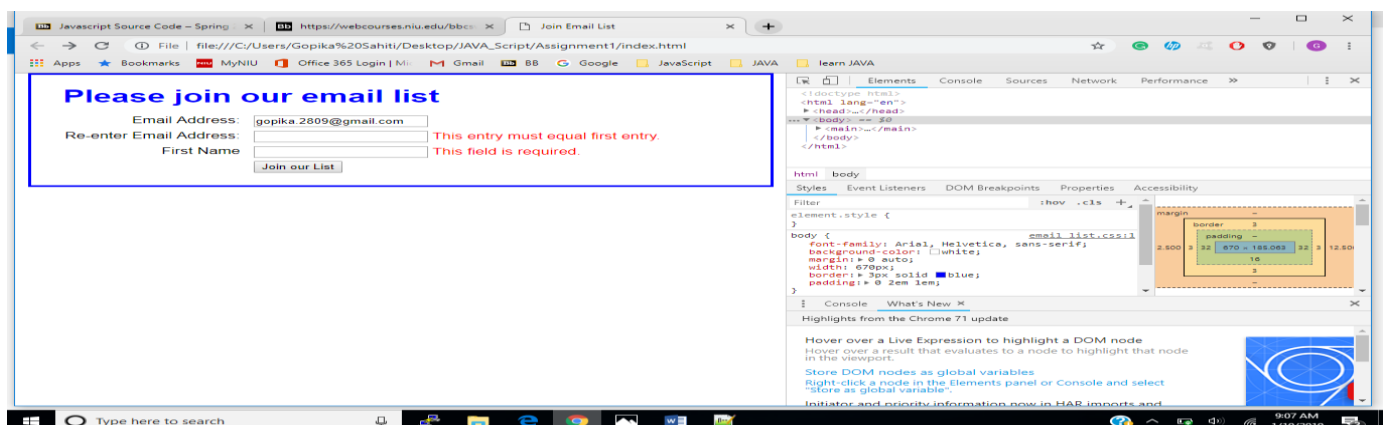
**Step10:** Enter email address in the first text box, leave the others empty and click the join out list button. Now open chromes developer tools and check if the console tab has any error messages.



**Step11:** Open the sources tab and click on email\_list.js and index.html to see the codes for respective files.



**Step12:** Click on the elements tab and we can see if there are any error messages in the span elements. The element tab represents the DOM of the page.



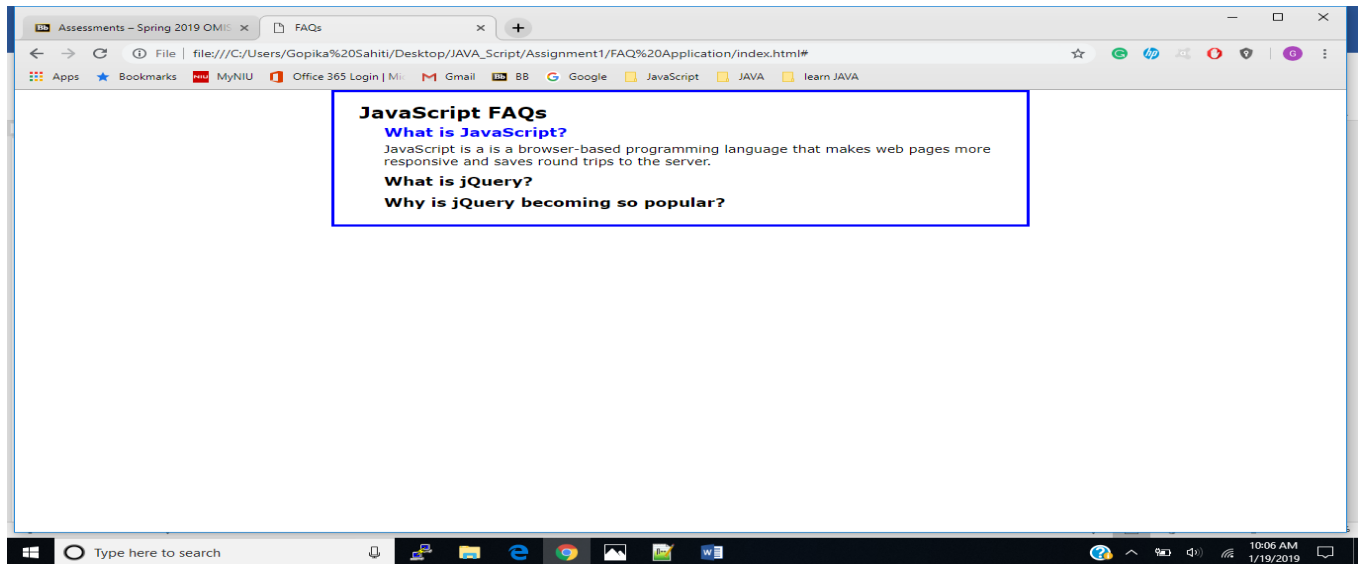
## **Exercise 1-2 Run FAQ application**

**Step1:** Write a code of how the html page should like in a text editor and save it as main.css

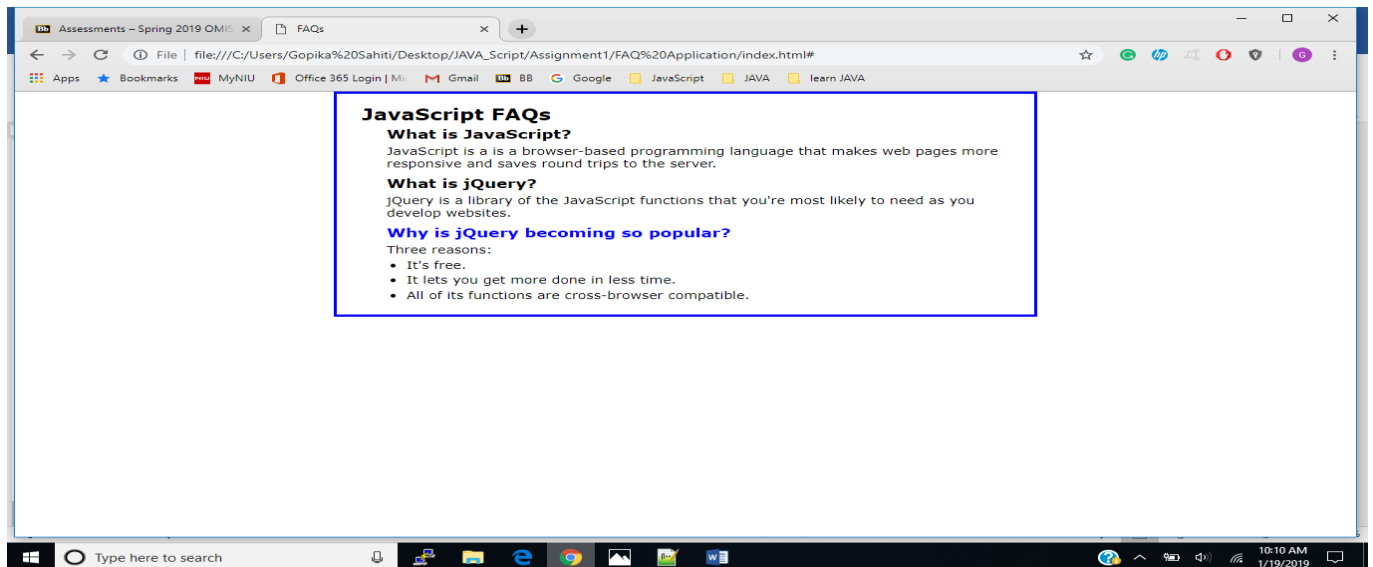
**Step2:** Write a JavaScript which denotes the functionality of the page. Save this file as faqs.js

**Step3:** Write a html code to display the contents of webpage. Save this file as index.html

**Step4:** Click the heading to display the text and again click the heading to hide the text.



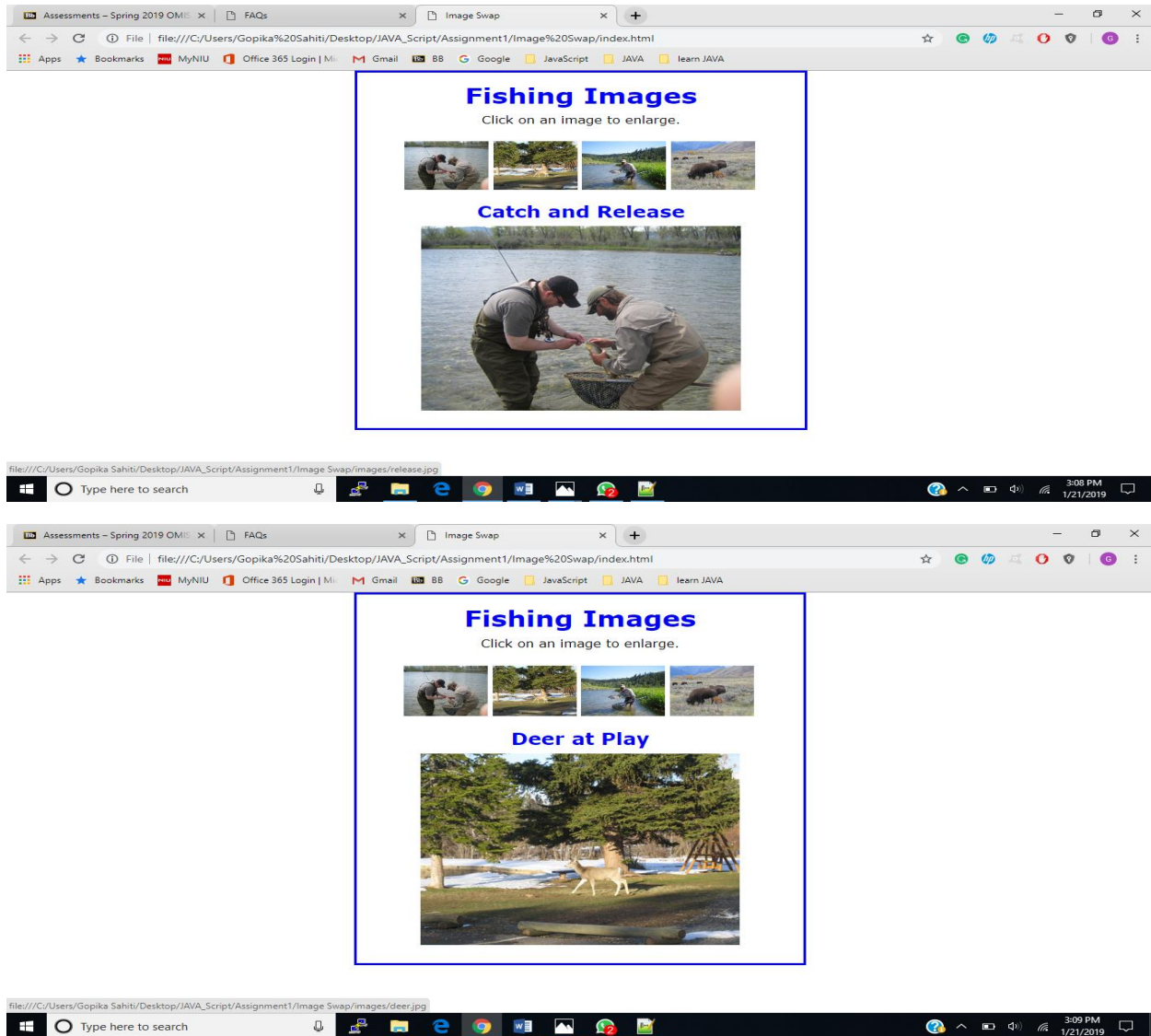
**Step5:** Click the next heading to display the text.



## **Image Swap Application**

**Step1:** Write the necessary html, js and css code for the application to work.

**Step2:** Click on one of the 4 smaller images displayed on the top and observe that the larger version of the clicked image is displayed.



**Step3:** Tab to the next image and press the enter key to display a larger version of the image.