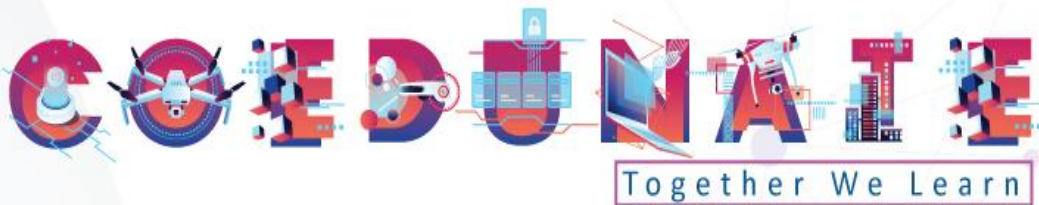


A REPORT ON
Web Development Essentials

Date: 29th June to 3rd July, 2020

Place: YouTube channel (Silver Oak University IEEE SB)

Time: 4:00 to 5:30 PM



Web Development Essentials



Introduction

With the sole perspective to provide a platform to the student members for sharing their expertise with others, Silver Oak IEEE Student Branch has launched a continuous learning program "CoEduate: Together We Learn" exclusively for the SB members. All the events under this program is conducted by the student mentors of the SB. Moreover, after the completion of every event under the program, the participants will be given a small project for self-evaluation. Doubt solving after each session and mentoring for the projects will also be provided by the student mentors.

The second event under this program was "Web Development Essentials". The core purpose behind conducting this workshop was to get the scratch to the best knowledge of Web Development along with the fundamental learning of various technologies such as HTML, CSS, Bootstrap, and JavaScript.

Speaker Introduction

For conducting this workshop we had two very talented student members of our Student Branch, Devansh Mehta and Dhrunit Prajapati who have been in the field of web development and have done several projects related to it including the website of RedHat and our past flagship event Genesis.

About the Session

Day 1

Date: 29th June, 2020

Time: 4:00 PM to 5:30 PM IST

Channel Name: Silver Oak University IEEE SB

The first session of "Web Development Essentials" was commenced by Dhrunit Prajapati who began with the introduction of HTML, CSS and JS followed by an explanation of the layers of website and tags used in HTML. He had covered the HTML part of the website with a hands-on practice session. After that, Devansh had conducted the session and discussed regarding CSS, Sources of styles, padding, merging, grouping, and many more. The session ended with the Kahoot quiz.

Day 2

Date: 30th June, 2020

Time: 4:00 PM to 5:30 PM IST

Channel Name: Silver Oak University IEEE SB

On the second day of the workshop, Devansh Mehta discussed how to set image positions, animation by creating objects, keyframes, and hover with the help of CSS by giving a demonstration on every topic. Later in the session, he explained about Bootstrap in which he covered components like headings, buttons, navbar, and typography. After that, Dhrunit had given a brief idea about JavaScript and how numbers are used in JavaScript. The session ended with a fun Kahoot quiz.

Day 3

Date: 1st July, 2020

Time: 4:00 PM to 5:30 PM IST

Channel Name: Silver Oak University IEEE SB

In the third session of the workshop, Dhrunit Prajapati started by explaining how important profile building is and made all the participants able to build their profile website. After that, he continued the session on javascript by explaining loops, data types, and object making in detail. To make the session more interactive, he also shared some subject related fun facts and gave some tasks to the participants during the session. The fun activity, Kahoot was again carried out, to sum up the session.

Day 4

Date: 2nd July, 2020

Time: 4:00 PM to 5:30 PM IST

Channel Name: Silver Oak University IEEE SB

After the successful completion of three days of the workshop, on the fourth day, Dhrunit Prajapati had discussed various scopes, functions expression, higher-order functions, array callback method, return types, sorting any many more. Furthermore, he had explained various methods, 'this' keyword, call stack, types of destructuring etc. The difference between spread and rest was also discussed during the session. The session concluded with the Kahoot quiz.

Day 5

Date: 3rd July, 2020

Time: 4:00 PM to 5:30 PM IST

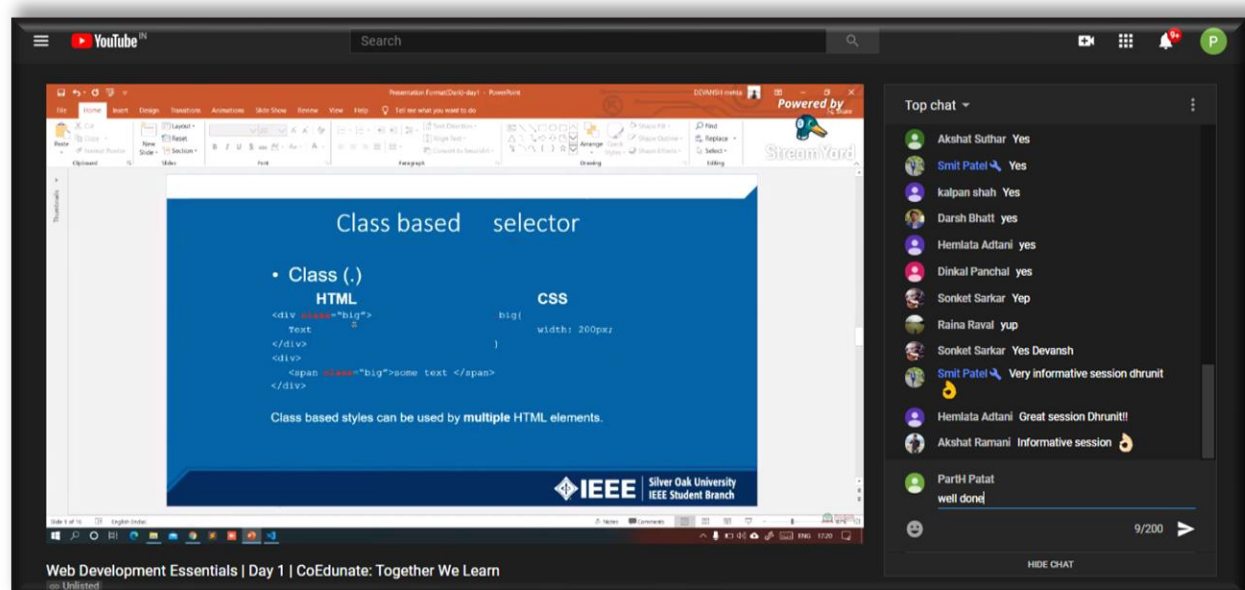
Channel Name: Silver Oak University IEEE SB

On the last day of the session, Dhrunit Prajapati started with revision and by giving an overview of the topics covered in the past 4 days of the workshop. Afterward, he explained about Document Object Model and its importance. Query selector, some basic methods and properties and events of javascript such as clicks, copying, pasting, hover, audio start, and many more. He also talked about the career opportunities in web development and also suggested some resources to learn web development.

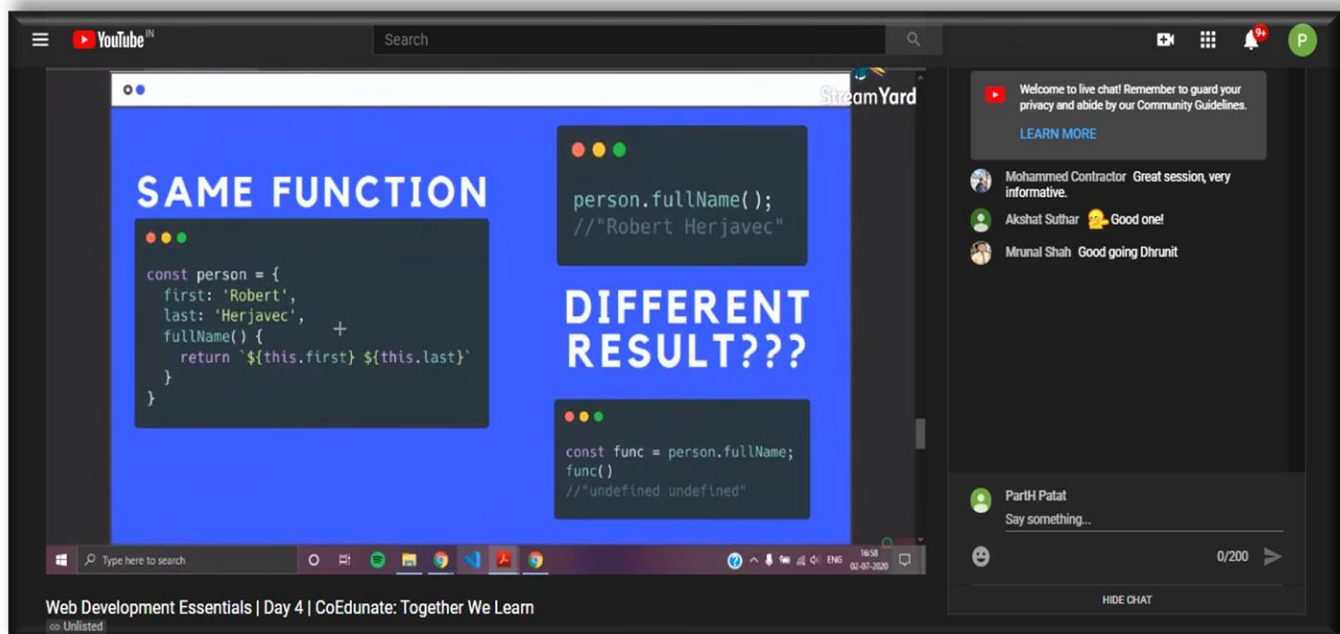
Conclusion

The workshop was concluded by expressing gratitude towards Silver Oak University management, our provost Dr. Saurin Shah sir, our faculty branch counselor Dr. Satvik Khara sir, our faculty coordinators, two of our amazing student speakers, who took an initiative to share their knowledge of Web Development with their branch mates, enthusiastic participants and the whole team of Silver Oak University IEEE SB who worked hard to make this event successful. The workshop was full of eclectic ideas and was great erudition by the students to uplift their skills. We are anticipating to organize some more informative events in the near future.

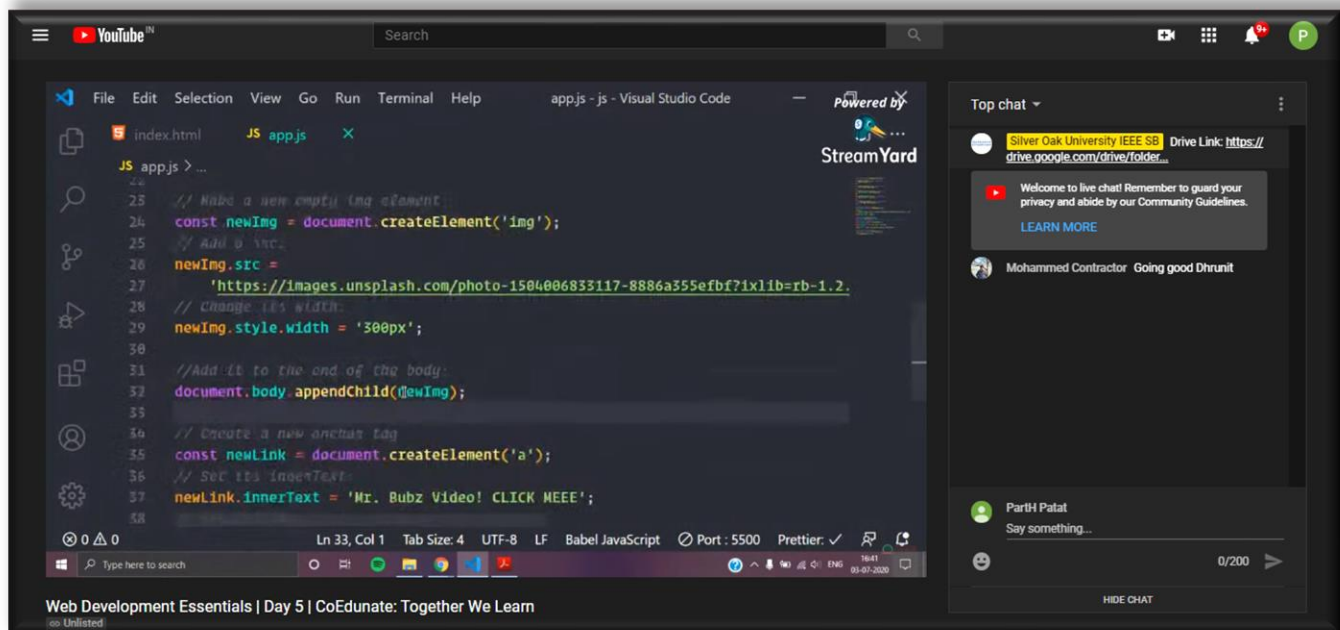
Some glimpses of the event



Day 1



Day 4



Day 5