School of Computer Engineering & Technology Class: Third Year B.Tech CSE (Semester V)

Course: Full Stack Development

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## FSD Laboratory 02

Aim: Design and develop a responsive web page using Bootstrap front end framework.

Objectives:

- 1. To understand HTML tags
- 2. To learn the styling of web pages using CSS
- 3. To learn Bootstrap Front End Framework.

## Theory:

- 1. Bootstrap Grid System.
- 2. Bootstrap .container and .container-fluid class.

## FAO:

- 1. What is a responsive website?
- 2. How Bootstrap helps to design a responsive website?

Output: Screenshots of the output to be attached.

## **Problem Statement:**

Design and develop a responsive web page (For example student registration, course enrollment, library management system, online shopping system etc.) using Bootstrap front end framework. Web pages should contain HTML5 elements (Use all possible formatting for example font, colour etc.).

Web page should include various

- images,
- links within the page,
- tables
- lists
- form elements
- paragraphs
- links to other pages for navigation,
- new tabs.

Use Cascaded Style Sheets (CSS) to style the web pages designed. Make use of

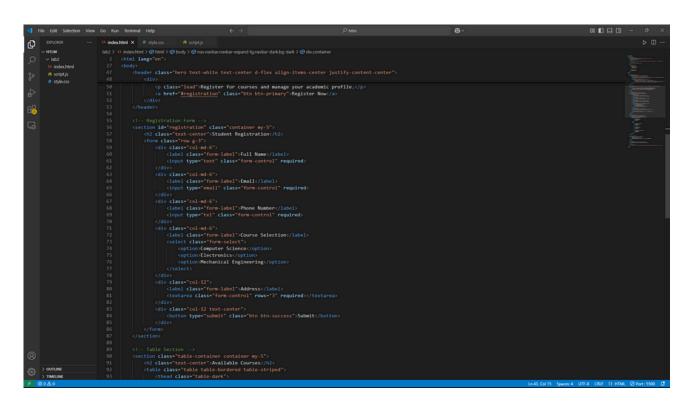
- Three types of styles (Inline, Internal and External)
- border,
- margins,
- padding,
- navigation,
- dropdown list
- tag selector



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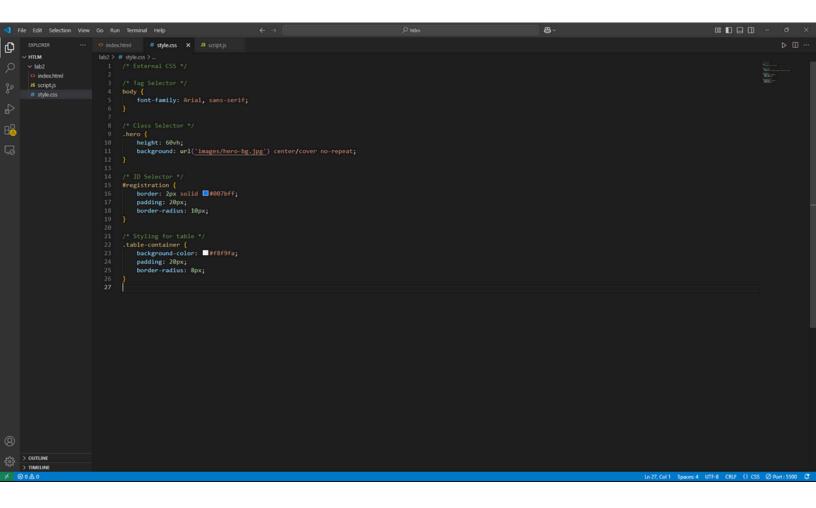
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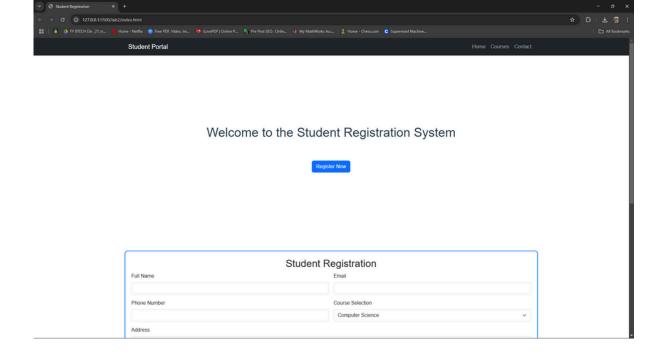
- class selector
- id selector
- exploring background image and position property etc.

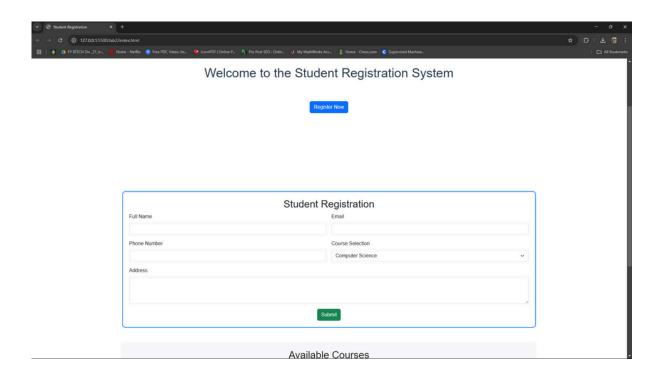


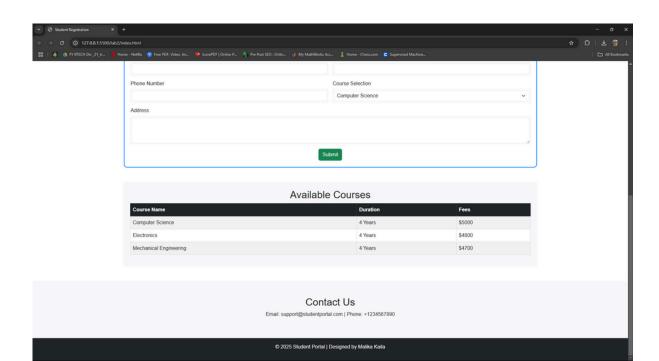
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Viplane Vaushnana OI Bootstrap grid system -> It is a responsive layout system that allows developers to create on 12 columb grid layout offering flexibity to arrange content across different screen size form mobile to desk top by using clases like: container, sow and colub Developers can build susponeur websites that adept seanlissly to various devices. Or Rootstrap container & container fluid class. -> Container class weater a fixed width container that adjust its size based on the screen breakfroint, maintaining consistent margin. Container fluids class creats a full width container that spans the entire wielth of viewpoint screen size, making it ideal for layouts that need to use the full wilth of the sideen. Sundaram FOR EDUCATIONAL USE

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	A sesponsine melsuite is a site designed to adapt its layout
	and content dynamically to fit various screen sizes and devices such as desktops, textets and smartphones. It ensures
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	seaulessly across different resolutions.
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02	now boolstrap helps to disign a responsive website?
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