

Bootstrap

DIY - 12

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Problem Statement:

You are tasked with creating an assignment to introduce students to Bootstrap, a popular front-end framework for creating responsive and mobile-first web designs. In this assignment, students will gain an understanding of Bootstrap, learn how to use it in web development, compare Bootstrap to traditional media queries, and explore Bootstrap's breakpoints. They will apply this knowledge to enhance the responsiveness of a simple webpage.

Assignment Instructions:

- **Task 1:** *Introduction to Bootstrap:*

Highlight at least two advantages of using Bootstrap for web design.

- **Task 2:** *Understanding Bootstrap:*

Describe the basic structure of a Bootstrap-based web page.

- **Task 3:** *How to Use Bootstrap:*

Create a simple HTML page that incorporates Bootstrap.

- **Task 4:** *Bootstrap Vs Media Queries:*

Provide scenarios where Bootstrap might be more advantageous and situations where media queries are preferred.

- **Task 5:** *Bootstrap Breakpoints:*

Provide examples of when and how to use different breakpoints to adapt your design to various screen sizes.