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Assignment No:2

2. Create a layout that uses media queries to adapt to different screen sizes, ensuring your personal website is mobile-friendly.

Objective:

- To create an interactive portfolio.
- To make it responsive and mobile friendly.

Theory:

1. Introduction to Responsive Web Design :

Responsive Web Design (RWD) is an approach to web design that makes web pages render well on a variety of devices and window or screen sizes.

Key concepts include:

1.1 Fluid Grids - Fluid grids use relative units like percentages instead of absolute units like pixels. This allows the layout to adapt to the viewing environment.

1.2 Flexible Images -

Images are set to have a maximum width of 100% of their containing element, allowing them to scale down if necessary but not grow larger than their actual size.

1.3 Media Queries -

Media queries allow you to apply CSS rules based on characteristics of the device, most commonly the width of the browser.

2. CSS Frameworks :

CSS frameworks like Bootstrap provide pre-written CSS (and often JavaScript) that can be used to build responsive websites quickly.

They often include:

- A grid system

- Pre-styled components
- Utility classes

3. Accessibility :

Web accessibility ensures that people with disabilities can perceive, understand, navigate, and interact with websites.

Key considerations include:

- Semantic HTML
- ARIA attributes
- Keyboard navigation
- Color contrast

4. JavaScript and Interactivity :

JavaScript can be used to add interactivity to your portfolio,

such as:

- Form validation
- Smooth scrolling
- Dynamic content loading
- Animations

Conclusion:

It demonstrates Creation of a personalized portfolio site using HTML, CSS, JS and using and integrating frameworks like bootstrap and AJAX etc

GitHub Repo with Source Code :

https://github.com/iamkushal2003/FSDL_Assignment2

Output :

About Me

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My Skills

HTML

CSS

JavaScript

My Projects



My Projects



Lambda Mailer

Bulk mail sending application deployed on
AWS beanstalk

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