

Programme	:	B.Tech.	Semester	:	Winter24-25
Course	:	BCSE203E: Web Programming Lab	Slot	:	TE1/TE2
Faculty	:	Dr. LM Jenila Livingston	Marks	:	10

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Exercise -5

HTML -Semantic tags, Frames and Media Elements

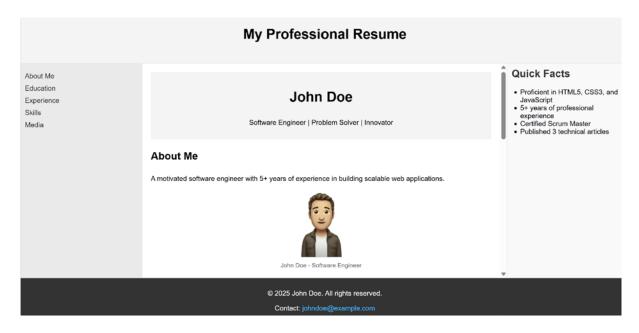
- (A) Design a web page using HTML frames to divide it into multiple sections, including a header, navigation, main content, aside, and footer. In the main content frame, create a professional resume using semantic HTML5 tags. Incorporate the following elements:
 - 1. <header>: For the top section, showcasing your name, professional title, and a tagline.
 - 2. <nav>: To provide navigation links for easy access to various sections of the resume (e.g., About Me, Education, Experience, Skills).
 - 3. <section>: To structure key content areas, such as education, work experience, and technical skills.
 - 4. <article>: To detail specific achievements, projects, or publications.
 - 5. <aside>: To display supplementary information, such as quick facts, a brief profile summary, or links to a portfolio.
 - 6. <figure>: To include images (e.g., profile photo or project visuals) with captions.
 - 7. ¬progress>: To visually represent proficiency levels for different skills.
 - 8. <meter>: To highlight measurable achievements, certifications, or milestones.
 - 9. <details> and <summary>: To toggle additional information, such as hobbies, extracurricular activities, or future goals.
 - 10. <footer>: To include contact details, social media links, and additional resources.

Ensure the page is divided as follows:

- The **header** is displayed in a dedicated frame at the top.
- The **navigation** is shown in a vertical frame on the left.
- The **main content** occupies the central frame.
- The **aside** is placed in a frame on the right for supplementary information.
- The **footer** is displayed in a frame at the bottom.

Focus on creating a visually appealing, accessible, and well-structured layout. The sample webpage is shown below.

Sample Page:



Resume frame content



(B) Display media and graphic elements (given below) on the centre frame by clicking the navigation link Media (Audio, Video, SVG and Canvas). Use **iframe** for displaying SVG

My House using SVG

