

# *DIGITAL PORTFOLIO*

NAME :KARTHIKA K  
REGISTER&NMID : 2422k1916/A649371C14BD4ED94D841E6D9F183A3A  
DEPARTMENT : BSC-COMPUTERSCIENCE  
COLLEGE :CHIKKANNAGOVERNMENTARTSCOLLEGE

# *PROJECT TITLE*

## *STUDENT PORTFOLIO*

# AGENDA

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# *Problem Statement*

Many beginners in web development struggle to understand how to structure a basic HTML page with different elements. Without clear examples, it becomes difficult to learn how to properly use headings, paragraphs, lists, images, and hyperlinks together. The problem is that learners often see only fragments of code but not a complete, simple webpage. This makes it harder to connect the dots between theory and practice. To solve this, a simple yet complete HTML program is created to demonstrate all the basic components of a webpage in one place.

# *Project Overview*

The project is a basic HTML webpage designed to demonstrate the fundamental building blocks of web development. It includes headings of different levels, formatted paragraphs with bold and italic text, an image, unordered and ordered lists, and hyperlinks. Each element has been chosen to highlight a core concept of HTML. The project is intentionally simple so that beginners can easily understand the purpose of each tag. At the same time, it can serve as a starting point for more advanced designs in the future.

# *End Users*

The primary end users of this project are students and beginners who are learning HTML for the first time. Teachers and trainers can also use this page as a teaching resource to demonstrate concepts in class. Another group of users includes hobby developers or designers who want a quick reference for basic HTML tags. Since the code is lightweight and free of complex features, it is easy for anyone to read, modify, and extend according to their needs. Thus, the project is both educational and practical.

# *Tools and Technologies*

This project was developed using only HTML, which is the standard markup language for creating webpages. A simple text editor (such as Notepad, VS Code, or Sublime Text) was used to write the code. A web browser (such as Google Chrome, Firefox, or Edge) was used to view the output. No additional frameworks or libraries were required, keeping the project lightweight and easy to understand. Since it uses pure HTML, the page can run on any device without additional setup.

# Portfolio Design and Layout

The design of this page follows a linear layout, starting from headings, then moving to text paragraphs, image display, lists, and finally hyperlinks. The headings are used to give structure, with `<h1>`, `<h2>`, and `<h3>` tags creating a hierarchy of importance. Paragraphs demonstrate different formatting styles inside text. The image provides visual content, while lists help organize data into bullet points and numbers. Finally, hyperlinks enable navigation to other websites or email services. The simple layout makes the page both functional and easy to read.

# Features and Functionality

The project demonstrates the core features of HTML in one file. Headings show how to structure content by importance. Paragraphs demonstrate inline formatting with bold and italic text. The image tag shows how to embed pictures with src, alt, and width attributes. Lists display items in either unordered (bulleted) or ordered (numbered) formats. Hyperlinks demonstrate navigation to an external site as well as a “mailto” link for sending emails. All of these features work together to form a functional, interactive webpage.

# Results & Screenshot

The screenshot shows a purple-themed personal portfolio website. At the top is a circular profile picture of a person with long hair. Below it is the name "KARTHIKA K" and the title "Artist • Designer • Coder". A section titled "ABOUT ME" contains a paragraph about the user's passion for transforming ideas into digital art and technology. A "SKILLS" section lists various competencies with corresponding icons.

KARTHIKA K  
Artist • Designer • Coder

**ABOUT ME**  
I'm a Computer Science student passionate about mixing creativity and technology. I love transforming ideas into digital art, coding solutions, and working on innovative projects that inspire people.

**SKILLS**

- App Development
- Python
- JavaScript
- UI/UX Design
- Frontend Development
- React.js
- Photography
- Video Editing
- Content Creation

The result of the project is a simple webpage that displays headings, styled text, an image, lists, and hyperlinks. The output is clear and demonstrates exactly what each tag does. For example,

the `<h1>` heading appears largest, while `<h2>` and `<h3>` are progressively smaller. The image loads from the placeholder URL, and both lists display as intended. Clicking on the Google link opens the site in a new tab, and the email link opens the default email client. Screenshots of the page show that each element works properly without errors.

The screenshot shows a purple-themed personal portfolio website. It features a "PROJECTS" section with two items: "Portfolio Website" and "Logo Collection". Below these are sections for "CONTACT" with an email address and phone number, and a copyright notice at the bottom.

**PROJECTS**

- Portfolio Website**  
Designed and developed a responsive personal portfolio using HTML, CSS, and glassmorphism UI.  
[Add Project](#)
- Logo Collection**  
A creative collection of modern, minimalist logos designed for startups and personal brands.

**CONTACT**

Email: [karthikak.dev@gmail.com](mailto:karthikak.dev@gmail.com)  
Phone: +91 98765 43210

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# Conclusion

This project successfully demonstrates how to build a simple HTML webpage using only basic tags. It provides a practical example for beginners to understand the structure and function of each element. The project proves that even with a small amount of code, a clear and functional webpage can be created. By combining text, images, and links, it reflects the essential skills needed in any webpage. In conclusion, this project achieves its goal of being an educational resource and a foundation for future learning.