Final Report

Title: - Coding Wallah

Computer Science and Engineering

By

Submitted To Miss Ashima

Lovely Professional
UniversityJalandhar,
Punjab, India.

Delivered by:	**Received by:**
Name of the student: Sumit Kumar Barnwal Student Reg. No.: 12320668	Name of the faculty: Aashima Faculty UID: 28968

TABLE OF CONTENT

INTRODUCTION

Our website is a coding website where any one can learn any programming language. Basically, it is an educational website which provides features for learning basics of any programming language, it also provides learning front-end programming and also focuses on back-end programming. Our website helps anyone to dive into the coding world, even if they are starting from scratch and know nothing about programming languages. Our website offers a range of features, allowing students to engage in friendly coding challenges, seek help from peers, download handwritten notes, access free code snippets, and more.

I am sure coding wallah will be a great website to connect with students and provide them with valuable information and resources. The website can include blog posts, articles, videos, and other multimedia content. It can also provide a forum for students to discuss their experiences and share their thoughts and ideas.

For us creating an educational website using HTML and CSS was not relatively easy process but with a little bit of knowledge and effort, we are able to create a website that is both informative and engaging.

In today's fast-paced world, it is more important than ever for every student to have some basics knowledge of coding. A well-designed website with good courses can help students to learn basic programming languages as well as difficult programming languages easily and, showcase their skills, and accomplish many things.

Our website benefits students in many ways like:-

- Increased student engagement: A student lifestyle website can be a great way to engage students and provide them with valuable information and resources.
- Improved communication: A student lifestyle website can be used to communicate with students about important news and events.
- Enhanced student learning: A student lifestyle website can be used to provide students with access to educational resources and to help them learn new things.
- Increased school pride: A student lifestyle website can be used to promote school spirit and pride.

Here are some benefits for creating a successful student lifestyle website:

- our website is easy to navigate. Visitors should be able to find the information they are looking for easily.
- Uses latest articles. This will make your website more visually appealing.
- Keeping our website up-to-date. This will help to ensure that visitors return to our website again and again.

Creating a student lifestyle website using HTML and CSS is a great way to connect with students and provide them with valuable information and resources.

TECHNOLOGIES USED IN CREATING THE WEBSITE

In today's digital age, educational coding websites are crucial for providing accessible learning resources, fostering skill development in coding, and offering flexibility through self-paced learning. It plays a vital role in meeting the growing demand for digital literacy and coding skills globally.

- **Technologies Used**

The primary technologies used in developing this website are using HTML and CSS are:

HTML (Hyper Text Markup Language): HTML is the standard markup language for creating web pages. It is used to define the structure and content of a web page.

CSS (Cascading Style Sheets): CSS is used to style HTML elements and control the presentation of a web page. It can be used to change the font, colour, size, and layout of HTML elements.

We had also used a single code of Java Script.

- **Steps followed for Developing the Website**

The following steps are involved in developing a website on topic educational website using HTML and CSS:

- Planning and Design: The first step involves planning the website's content and layout. This includes creating an articles, some other webpages on other topics, donation for helping, writing any article if any one had any ideas they may help us, or if any one want to write his/her own blog he/she may able to write.

- Coding: Once the website has been planned, the next step is to code the HTML and CSS files. It involves firstly creating the structure of the website. And CSS files for presenting the website more effectively by designing it properly.

  HTML tags are the building blocks of websites. They define the structure and content of a web page, and they can be used to create a wide variety of elements, such as headings, paragraphs, images, and links. Here are some of the most common HTML tags we had used in our web designing:

  - Structural Tags

    Structural tags define the overall structure of a web page. They include:

    `<html>`: This tag defines the root element of an HTML document.

    `<head>`: This tag contains metadata about the web page, such as the title, description, and keywords.

    `<body>`: This tag contains the visible content of the web page.

    `<h1>, <h2>,…`: These tags define headings of different levels. H1 is the most important heading, and probably H6 is the least important.

    `<p>`: This tag defines a paragraph of text.

    `<div>`: This tag is a generic container tag that can be used to group other elements together.

    `<span>`: This tag is used to inline elements, such as text, images, and links.

  - Content Tags

    Content tags define the specific content of a web page. They include:

    `<img>`: This tag is used to embed images on a web page.

    `<a>`: This tag is used to create hyperlinks.

 and <ol>: These tags are used to create unordered and ordered lists, respectively.

: This tag is used to define list items.

- Formatting Tags

  Formatting tags are used to style and format the content of a web page. They include:

  <b>: This tag is used to bold text.

  <i>: This tag is used to italicize text.

  : This tag is used to make text more important.

  : This tag is used to emphasize text.

: This tag is used to insert a line break.

  <hr>: This tag is used to insert a horizontal rule.

Here are some of the most common CSS styles we had used in our web design:

- Font

  font-family: This property specifies the font family of an element.

  font-size: This property specifies the font size of an element.

  font-weight: This property specifies the font weight of an element.

  color: This property specifies the color of the text of an element.

  background-color: This property specifies the background color of an element.

  padding: This property specifies the padding around an element.

  margin: This property specifies the margin around an element.

  border: This property specifies the border of an element. The border is a line that surrounds an element.

`display`: This property specifies the display style of an element. The display style determines whether an element is displayed as an inline element, a block element, or none at all.

`position`: This property specifies the position of an element. The position determines whether an element is positioned statically, relatively, or absolutely.

These are just a few of the many CSS styles that we had used to design our websites.

- Testing and Debugging: Once the website has been coded, it was important for us to test it in different browsers and devices to ensure that it is functioning properly. And it's working properly.
- Deployment: The final step of our website creation is to deploy the website to a web server. This will make the website accessible to others online. And to deploy it we had taken help of Github, we had uploaded our files on github and it has given me the link from which any one can access it form anywhere and from any devices.

FEATURES OF THE PROJECT

Created an educational website for learning coding using HTML and CSS involves incorporating features that facilitate effective learning, engagement, and practical application. Here are key features to consider:

1. Structured Learning Paths:
    - Defined a clear and logical progression of coding concepts and skills.
    - Organized content into modules or lessons, each building upon the previous one.
    - Provide a roadmap for learners to navigate through different coding levels.

2. Interactive Coding Exercises:
    - Include hands-on coding exercises within the platform.
    - Integrated a code editor directly on the website for immediate practice.
    - Offer instant feedback on code correctness, encouraging an iterative learning process.

3. Rich Multimedia Content:
    - Supplement textual content with multimedia elements, such as videos and interactive diagrams.
    - Use visuals to explain complex coding concepts and techniques effectively.

4. Responsive Design and Cross-Browser Compatibility:
    - Ensured that website is accessible and functional across various devices and browsers.
    - Implement responsive design principles to adapt content layout to different screen sizes.

5. Project-Based Learning:
    - Integrate coding projects that apply the learned concepts in real-world scenarios.
    - Encourage collaboration by allowing learners to work on projects together.

6. Code Documentation and Comments:
    - Emphasize the importance of clear code documentation and commenting.
    - Provide examples of well-commented code to instil good coding practices.

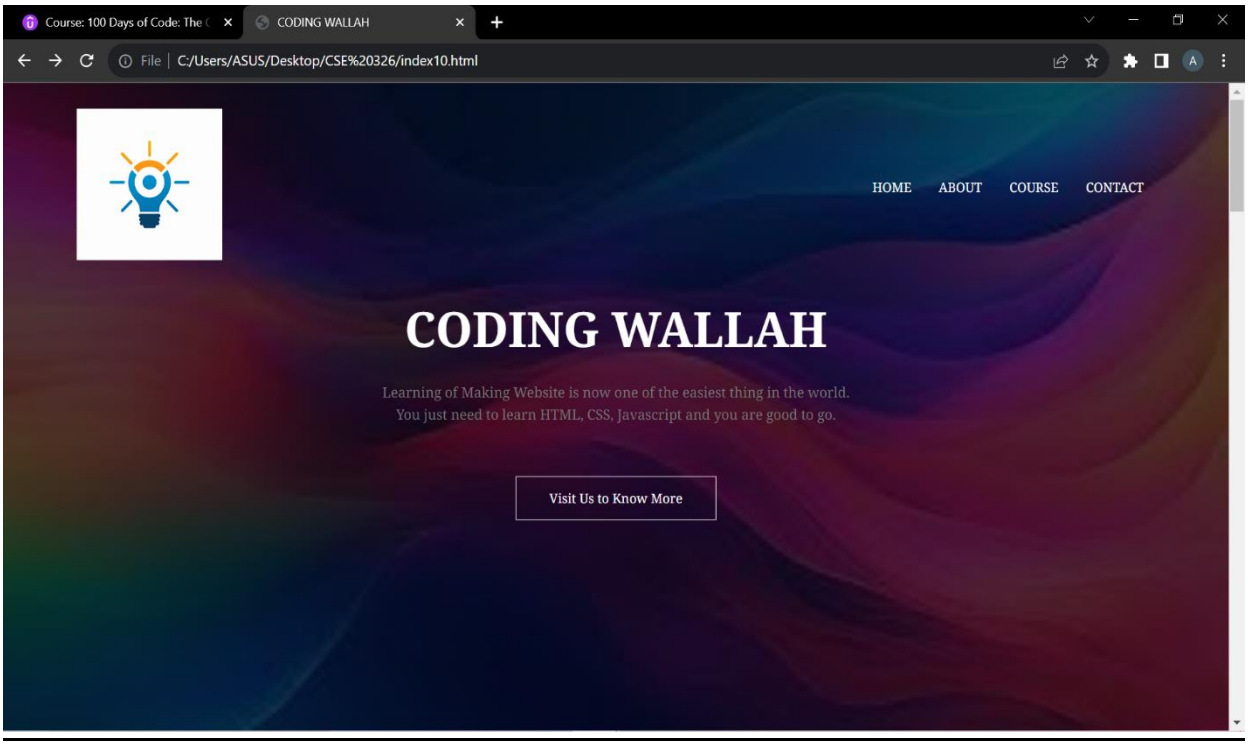
7. Progress Tracking and Gamification:
    - Implement a system for tracking learner progress through the course.
    - Introduce gamification elements, such as badges or certificates, to reward achievements and maintain motivation.

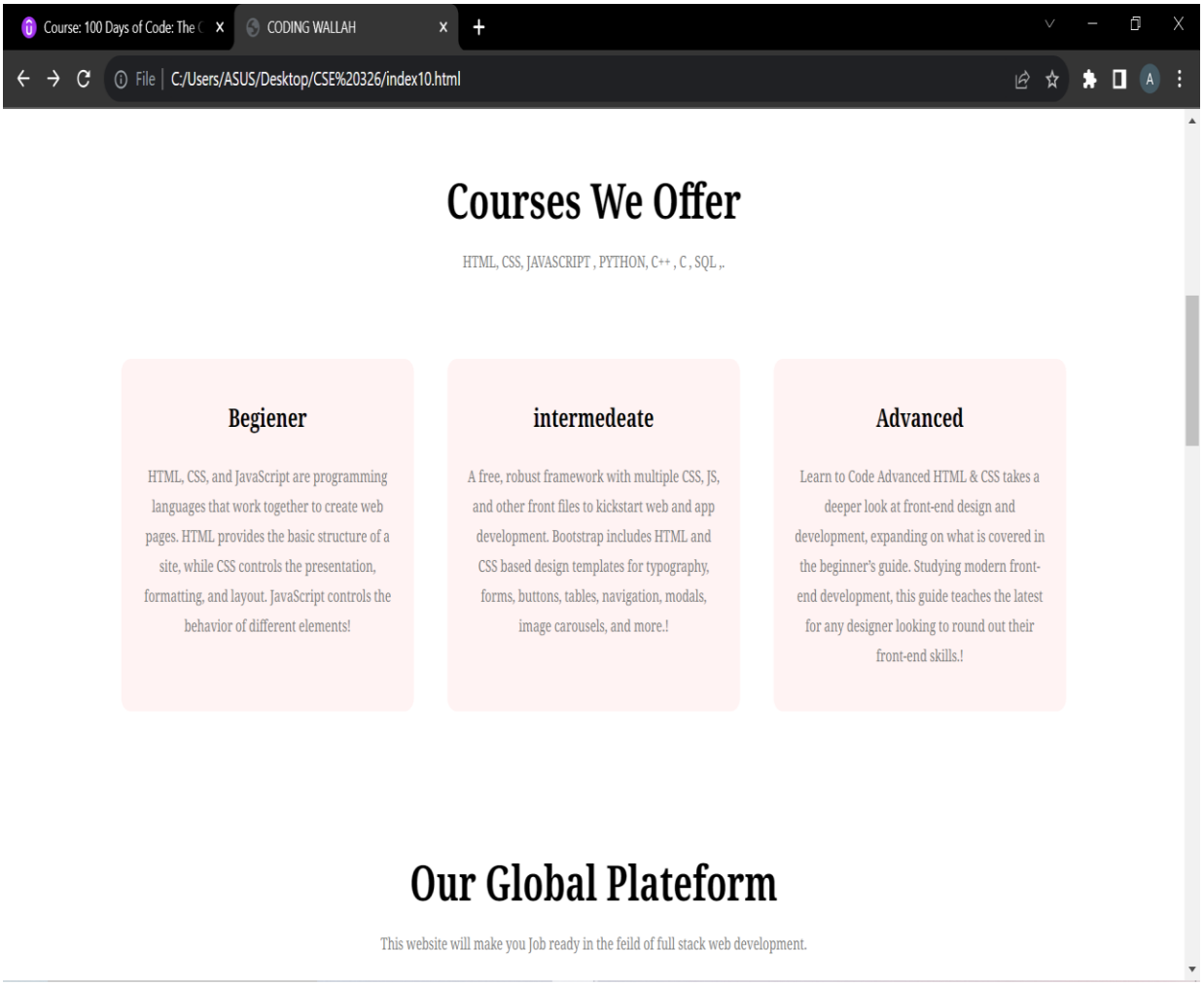
8. Community and Discussion Forums:
    - Foster a sense of community by incorporating discussion forums or chat features.
    - Allow learners to ask questions, seek help, and share insights with peers and instructors.

9. Regular Updates and New Content:
    - Commit to updating the content to reflect industry trends and evolving coding standards.
    - Introduce new challenges and exercises to keep learners engaged and encourage continuous learning.

10. Accessibility Features:
    - Ensure the website is accessible to individuals with diverse abilities.
    - Provide alternative text for images, keyboard navigation, and other accessibility features.

SCREENSHOTS





Course: 100 Days of Code: The C | CODING WALLAH | ChatGPT

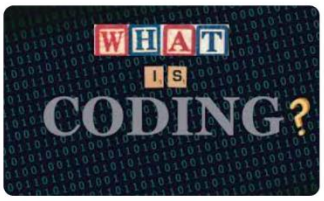
File | C:/Users/ASUS/Desktop/CSE%20326/index10.html

Our Facilities

Make coding learn to all people who visit the website.

Easy to Acess

Students' online learning experience will be greatly improved by this website. By enrolling in online classes, people have the flexibility to study whenever they choose.



Coding handwritten Notes

Coding is one of the most valuable skills you can build, and in this post you'll learn about how to start learning. If you're searching for "how to learn coding," it might be because you want to advance your career or develop other skills in the computer programming world.

Free Snipets

Anyone can learn to code with time, dedication, and internet access. If you're reading this, that includes you. That's why, in this guide, we'll unpack everything you need to know to start writing code

Course: 100 Days of Code: The C | CODING WALLAH

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What Our LEARNERS Says

An educational website is a huge interactive platform to present various information for different types of people Good to go you are on right track.

GOOD START YOU WILL BE HELPING THOUSAND OF PEOPLE

KAPIL KUMAR

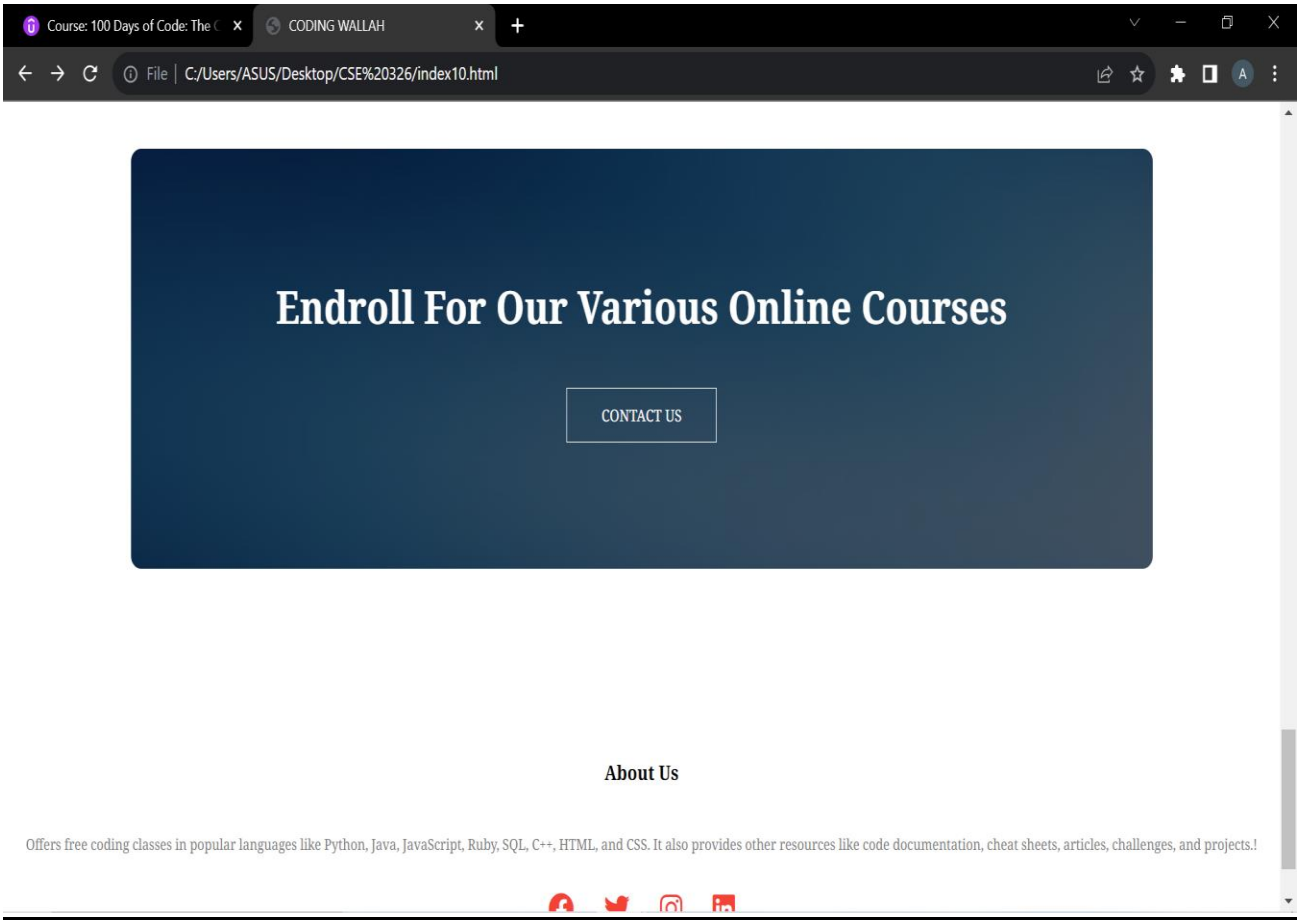
★★★★★

DOING GREAT FOR MANY PEOPLE

AVINASH KUMAR

★★★★☆

Enroll For Our Various Online Courses


Course: 100 Days of Code: The C
CODING WALLAH
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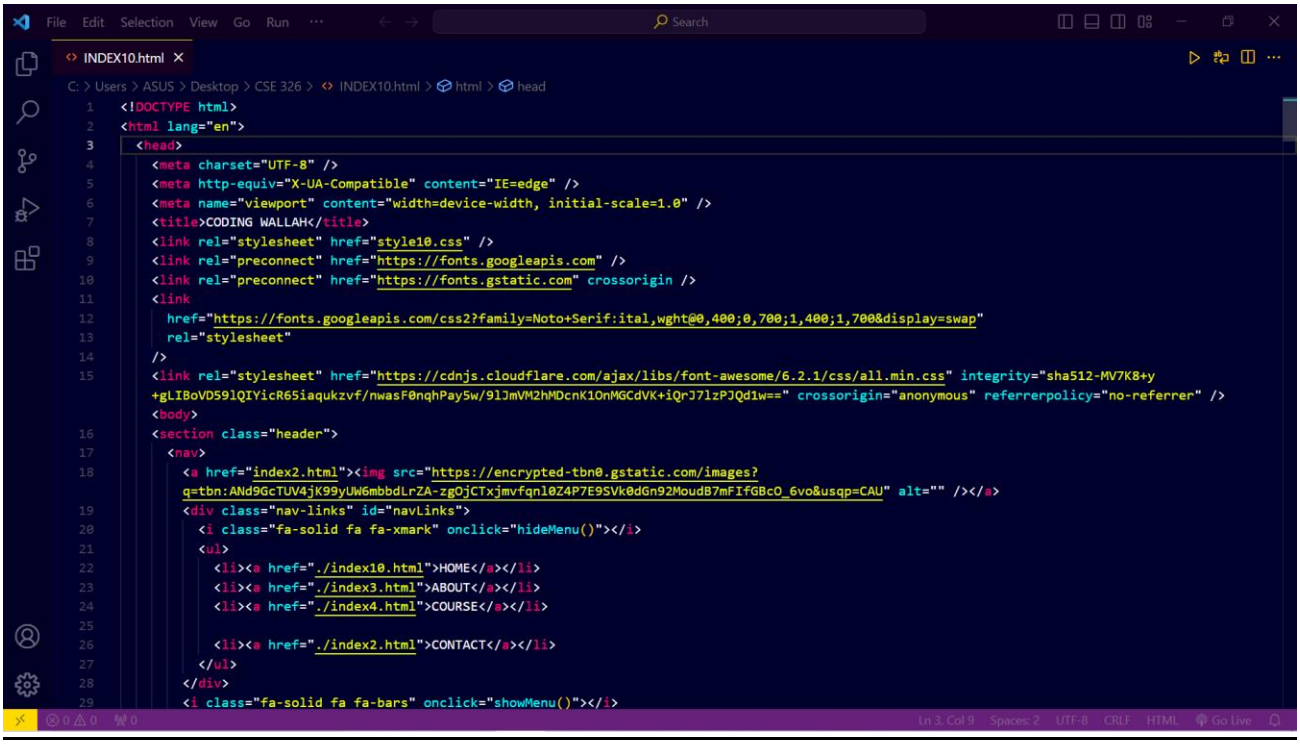
Endroll For Our Various Online Courses
CONTACT US
About Us
Offers free coding classes in popular languages like Python, Java, JavaScript, Ruby, SQL, C++, HTML, and CSS. It also provides other resources like code documentation, cheat sheets, articles, challenges, and projects.!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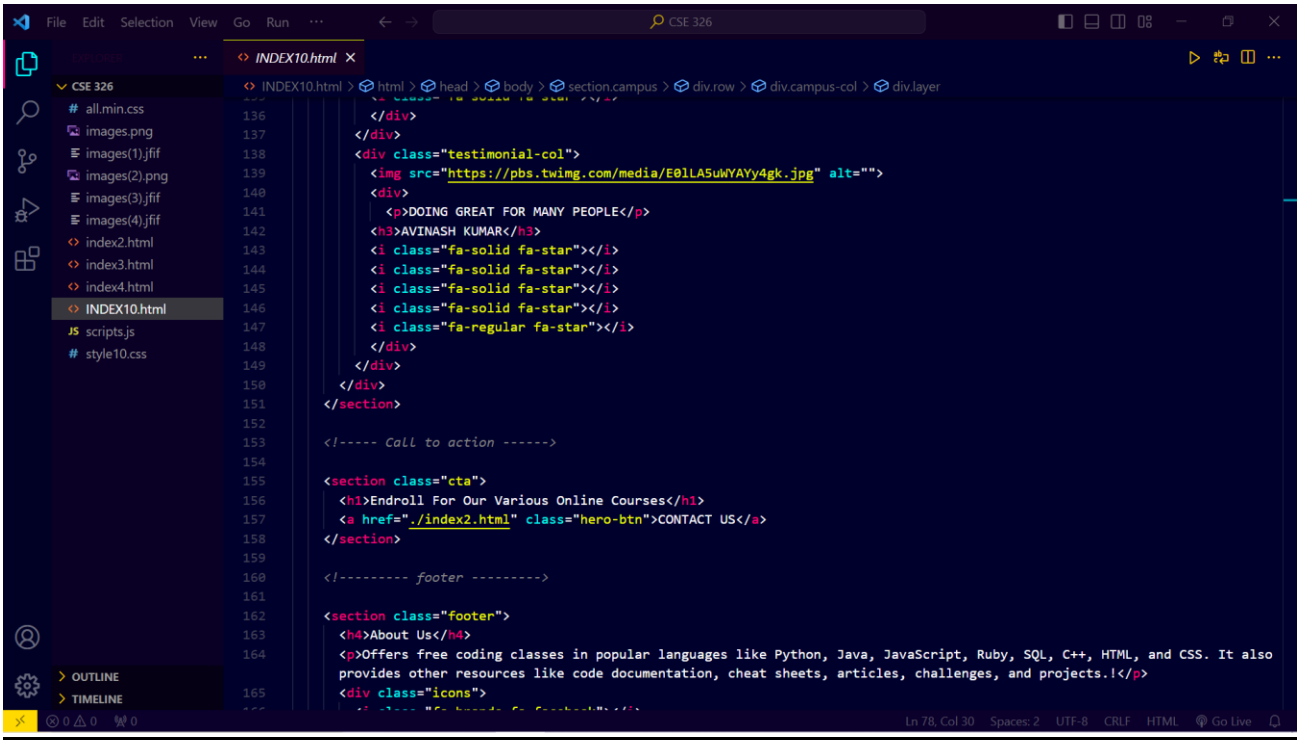
HOME
ABOUT
COURSE
CONTACT



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<p>DOING GREAT FOR MANY PEOPLE</p>
<h3>AVINASH KUMAR</h3>
<i class="fa-solid fa-star"></i>
<i class="fa-solid fa-star"></i>
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<!----- Call to action ------>

<section class="cta">
<h1>Endroll For Our Various Online Courses</h1>
<a href="./index2.html" class="hero-btn">CONTACT US</a>
</section>

<!--------- footer --------->

<section class="footer">
<h4>About Us</h4>
<p>Offers free coding classes in popular languages like Python, Java, JavaScript, Ruby, SQL, C++, HTML, and CSS. It also
provides other resources like code documentation, cheat sheets, articles, challenges, and projects.!</p>
<div class="icons">
```

```
</nav>
<div class="text-box">
<h1>CODING WALLAH</h1>
<p>
Learning of Making Website is now one of the easiest thing in the world.<br> You just
need to learn HTML, CSS, Javascript and you are good to go.
</p>
<a href="" class="hero-btn">Visit Us to Know More</a>
</div>
</section>

<!-- course -->

<section class="course">
<h1>Courses We Offer</h1>
<p>HTML, CSS, JAVASCRIPT , PYTHON, C++ , C , SQL ,.</p>
<div class="row">
<div class="course-col">
<h3>Begiener</h3>
<p>HTML, CSS, and JavaScript are programming languages that work together to create web pages.
HTML provides the basic structure of a site, while CSS controls the presentation, formatting, and layout.
JavaScript controls the behavior of different elements!
</p>
</div>
<div class="course-col">
<h3>intermedeate</h3>
<p>A free, robust framework with multiple CSS, JS,
and other front files to kickstart web and app development.
Bootstrap includes HTML and CSS based design templates for
typography, forms, buttons, tables, navigation, modals, image carousels, and more.!
</p>
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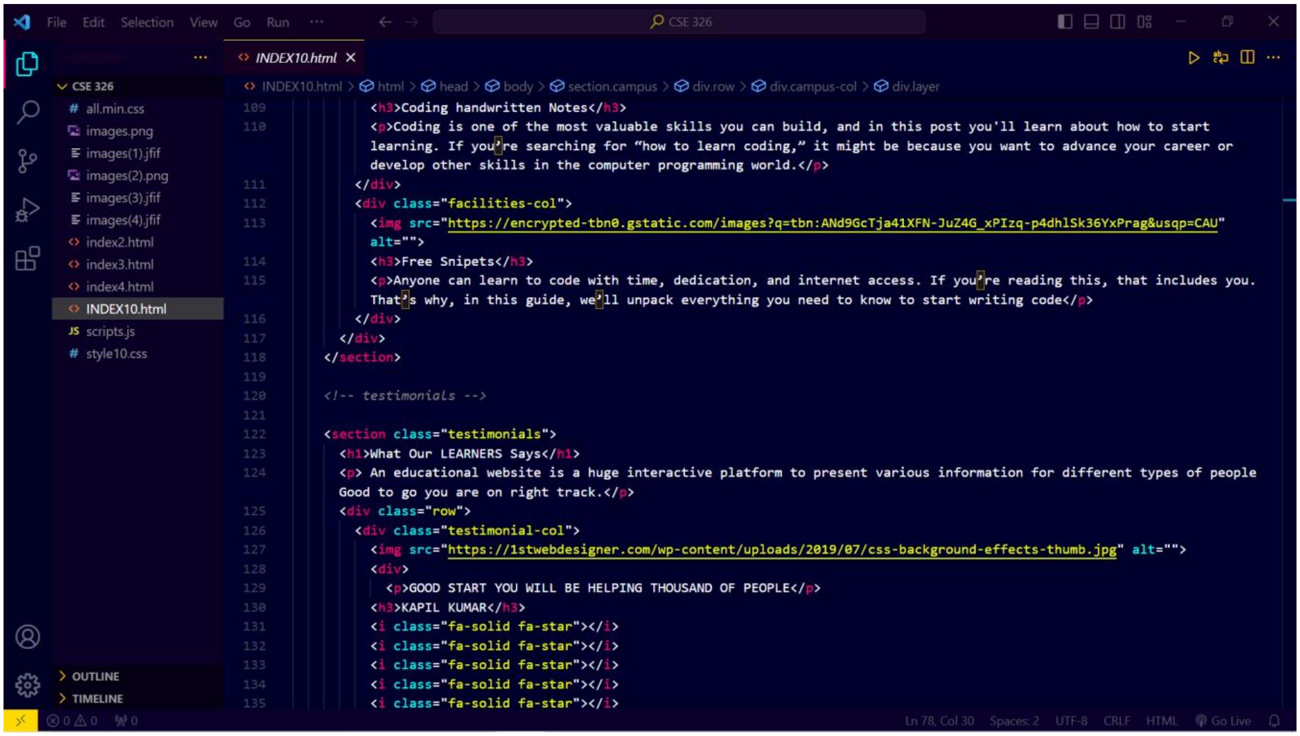
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index3.html
index4.html
INDEX10.html
scripts.js
style10.css
INDEX10.html > html > head > body > section.campus > div.row > div.campus-col > div.layer
<h3>Coding handwritten Notes</h3>
<p>Coding is one of the most valuable skills you can build, and in this post you'll learn about how to start learning. If you're searching for "how to learn coding," it might be because you want to advance your career or develop other skills in the computer programming world.</p>
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<h3>Free Snipets</h3>
<p>Anyone can learn to code with time, dedication, and internet access. If you're reading this, that includes you. That's why, in this guide, we'll unpack everything you need to know to start writing code</p>
</div>
</div>
</section>
<!-- testimonials -->
<section class="testimonials">
<h1>What Our LEARNERS Says</h1>
<p> An educational website is a huge interactive platform to present various information for different types of people Good to go you are on right track.</p>
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<img src="https://1stwebdesigner.com/wp-content/uploads/2019/07/css-background-effects-thumb.jpg" alt="">
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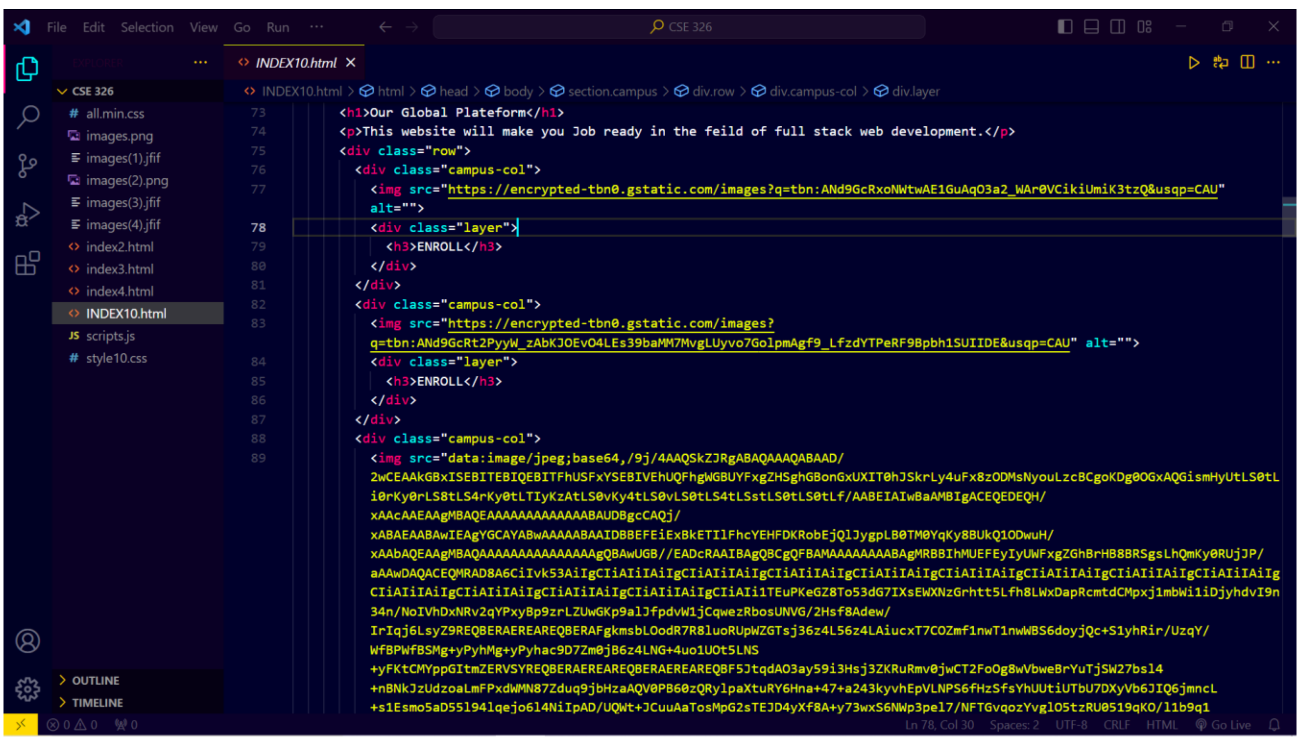
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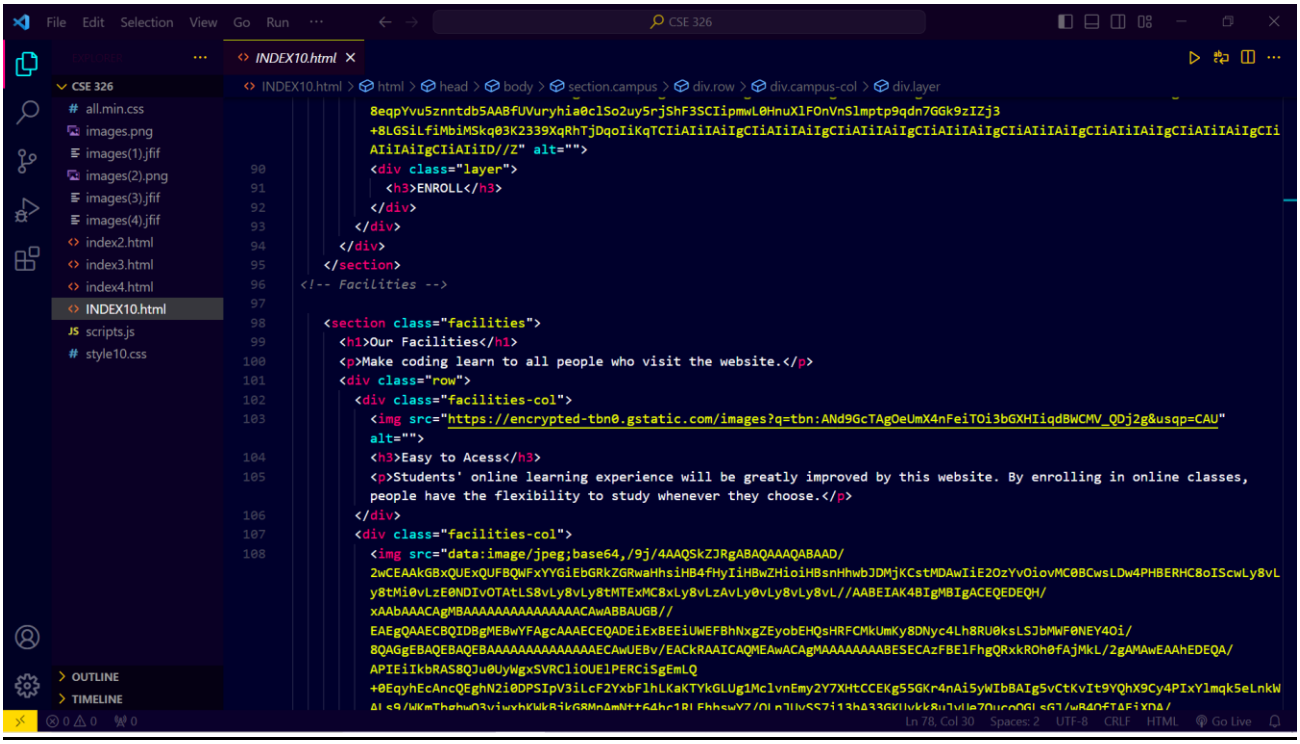
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<h3>ENROLL</h3>

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Make coding learn to all people who visit the website.

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<h3>Easy to Acess</h3>
Students' online learning experience will be greatly improved by this website. By enrolling in online classes,
people have the flexibility to study whenever they choose.

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TEAM WORK

Team Members: Sumit Kumar Barnwal(12320668)
Arjun Maurya (12318080)(me)
Pranay Shreshth(12324833)

In the team of three, Sumit (12320668) had made the home page and about page for the website. After creating the structure and designing the webpages, he managed the project through various approaches.
Ensuring the completion of the project within given date, oversees the entire project from start to end, manages risks, registered the website on the internet.

Pranay has created a webpage to provide different courses related to different programming language. He was the only who carefully organized all the courses and also made the PowerPoint presentation to present our websites.

Arjun had created the effective and engaged content and ensures that the content reflects the professional look and also made a webpage for contacting us. He had also cross verified the functionality of the website by resolving different issues like confirming that our websites runs smoothly on different browsers.
He also created the report file for the whole project.

CONCLUSION

In conclusion, the journey of creating a coding website for educational purposes using HTML and CSS has been a transformative exploration into the dynamic realm of web development. Through the fusion of these fundamental technologies, we have crafted an online learning space that not only imparts coding knowledge but also fosters an engaging and interactive educational experience.

The structured learning paths, interactive coding exercises, and project-based approach have collectively empowered learners to navigate the intricacies of coding with confidence and proficiency. The integration of multimedia content has enhanced the accessibility of complex concepts, while live previews and responsive design principles have ensured a seamless and adaptive user experience across various devices.

As we reflect on the project's culmination, it is evident that the commitment to best practices, including clear code documentation, regular updates, and responsive support, has contributed to the success of this educational endeavour. The incorporation of gamification elements and community forums has not only motivated learners but has also fostered a collaborative learning environment.

In the ever-evolving landscape of technology, this coding website stands as a testament to the limitless possibilities that HTML and CSS offer in shaping the future of education. The dedication to creating a platform that not only imparts coding skills but also inspires a passion for continuous learning is a testament to the transformative potential of well-designed educational websites.

As we close this chapter, we recognize that the journey does not end here. The commitment to innovation, adaptability, and the pursuit of excellence will be the guiding principles as we continue to refine and expand this educational coding platform, empowering learners to embark on their coding journeys with confidence and curiosity.

References

To create our website, we had also taken some reference like to create the structure of our website we had taken the reference of a template, for the content we had read different educational websites which provide learning for the programming languages, visited different sites, included some of our past experiences. For the content somehow, we had also used bard ai, chat GPT And mozilla.