

Starting with CSS

Assignment

1. Create a webpage with an inline style that sets the background color of the page to blue?.

Ans- `<!DOCTYPE html>`

`<html lang="en">`

`<head>`

`<meta charset="UTF-8">`

`<meta name="viewport" content="width=device-width, initial-scale=1.0">`

`<title>inline css</title>`

`</head>`

`<body style="background-color: blue;">`

`<!-- <div style="background-color: blue;"></div> -->`

`</body>`

`</html>`

- 02. Create a web page with a heading and paragraph with information about CSS using internal css.set the text color of the page to read and the background color of the paragraph to yellow ?.

- Ans- `<!DOCTYPE html>`

- `<html lang="en">`

-

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>inline css</title>`

- `<style>`

- `h1 {`

- `background-color: red;`

- `}`

- `p {`

- `background-color: yellow;`

- `}`

- `</style>`

- `</head>`
- `<body>`
- `<h1>CSS</h1>`
- `<p>`What is CSS? Cascading Style Sheets (CSS) is a simple mechanism for adding style (e.g., fonts, colors, spacing) to Web documents. These pages contain information on how to learn and use CSS and on available software. They also contain news from the
- CSS working group.`</p>`
- `</body>`
- `</html>`
- OUTPUT



CSS

What is CSS? Cascading Style Sheets (CSS) is a simple mechanism for adding style (e.g., fonts, colors, spacing) to Web documents. These pages contain information on how to learn and use CSS and on available software. They also contain news from the CSS working group.

- 03. Create a web page with a tag similar to a navigation bar. Each link should change to a different color when it is hovered over?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

-

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `.nav-link-1 {`

- `color: red;`

- `}`

-

- `.nav-link-2 {`

- `color: green;`

- `}`

-

- `.nav-link-3 {`
- `color: brown;`
- `}`
- `.nav-link-4 {`
- `color: black;`
- `}`
- `.nav-link-5 {`
- `color: darkcyan;`
- `}`
- `</style>`
- `</head>`
- `<body>`
- `Home |`
- `About |`
- `Contact |`
- `Blog |`
- `Logging |`
- `</body>`
- `</html>`

- 04.Create a web page with a list of each stacks involved in full-stack web,development where the even numbered items have a different background color than the odd-numbered items ?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `li:nth-child(even) {`
- `background-color: yellow;`
- `}`

- `li:nth-child(odd) {`
- `background-color: aqua;`
- `}`

- `</style>`

- `</head>`

- `<body>`
- `<h1> Technologies Involved in Full Stack Web Development.</h1>`
- ``
- `HTML`
- `CSS`
- `JAVASCRIPT`
- ` MYSQL`
- `mangoDB`
- `React js`
- `Node Js`
- ``
- `</body>`
- `</html>`

- 05. Create a web page with an image that is hidden until it is hovered over. Use a heading about the image that says hover blow to reveal a surprise ?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>hover the image</title>`

- `<style>`

- `img {`

- `opacity: 0;`

- `}`

-

- `img:hover {`

- `opacity: 1;`

- `}`

- `</style>`
- `</head>`
- `<body>`
- `<h1>Hover below to reveal a surprise</h1>`
- ``
- `</body>`
- `</html>`

- 06. Create a web page with a form where the input field has a yellow background color when it is focused on ?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>form focused</title>`

- `<style>`

- `input:focus {`

- `background-color: yellow;`

- `}`

- `</style>`

- `</head>`

- `<body>`
- `<form action="">`
- `<div>`
- Name: `<input type="text" required>`
- Email: `<input type="email" required>`
- Password: `<input type="password"required>`
- Register Account: `<input type="submit"`
 `required>`
- `</div>`
- `</form>`
- `</body>`
- `</html>`

- 07.Create a web page with a background image that covers the entire screen ?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<title>Background image</title>`

- `<style>`

- `body {`

- `background-image:`
`url(https://i.ytimg.com/vi/v2umCTpgEfU/maxresdefault.jpg);`

- `background-repeat: no-repeat;`

- `background-size: cover;`

- `}`

- `</style>`

- `</head>`

- `<body>`

- `</body>`

- `</html>`

- Q8.Create an about us web page with the heading “About us” and paragraph text about “PW Skills”.use the class selector to style the heading with a blue color and the id selector to style the paragraph text with a green color ?.

- Ans-<!DOCTYPE html>

- <html lang="en">

- <head>

- <meta charset="UTF-8">

- <meta name="viewport" content="width=device-width, initial-scale=1.0">

- <title>About</title>

- <style>

- .heading {

- color: blue;

- }

-

- #content {

- color: green;

- }

- </style>

- </head>

- `<body>`
- `<h1 class="heading">About US</h1>`
- `<p id="content">` Lorem ipsum dolor sit amet consectetur, adipisicing elit. Mollitia provident voluptate placeat debitis officiis obcaecati dolorum voluptas. Officiis tempore perferendis culpa aperiam ipsum explicabo totam, molestiae minus quisquam praesentium neque
- `veniam ea corrupti architecto? Reprehenderit repellat omnis necessitatibus quo ipsum, quibusdam magni cupiditate hic asperiores facere ratione impedit assumenda explicabo?</p>`
- `</body>`
- `</html>`

- 09. Create a web page with a registration form using the CSS attribute selector change the text color of each input field to any other color ?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title></title>`

- `<style>`

- `input [name="user-name"] {`
- `background-color: blue;`
- `}`

- `input [name="user-email"] {`
- `background-color: yellow;`
- `}`

- `input [name="user-password"] {`
- `background-color: aqua;`
- `}`

- </style>
- </head>
- <body>
- <form action="">
- <div>
- Name: <input type="text" name="user-name" required>
- Email: <input type="email" name="user-email" required>
- Password: <input type="password" name="user-password" required>
- Register Account: <input type="submit" name="user-registration" required>
- </div>
- </form>
- </body>
- </html>

- 10. Create a simple web page with the heading “PW Skills” and a paragraph of information. Using external CSS change the web page background color to any of the dark mode colors and change the colors of the heading and paragraph to make it visible and good-looking ?.

- **Ans-** `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `body {`

- `background-color: #192734;`

- `}`

- `h1 {`

- `color: #1cb954;`

- `}`

- `p {`
- `color: #1da1f2;`
- `}`
- `</style>`
- `</head>`
- `<body>`
- `<h1>PW Skills</h1>`
- `<p>`
- PW Skills is the result of a continual effort to exponentially increase the employability of every Indian, irrespective of their socioeconomic status. With accessibility and affordability being the support structure of high-quality, industry-relevant
- courses, PW Skills aims to empower professionals and students alike to either jumpstart their careers or leverage existing skills with new, future-driven upgrades that will help them realise their full potential.
- `</p>`
- `</body>`
- `</html>`

More on CSS

Assignment

- 01. Create a navigation bar similar to the below-mentioned image The navigation bar must contain 5 navigation links that are properly placed within the navigation bar using the CSS box model The navigation items must change their text color on hover ?.

- Ans- `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `nav {`

- `background-color: cornflowerblue;`

- `padding: 20px;`

- `}`

- `a {`

- `color: #fff;`

- `margin-right: 20px;`

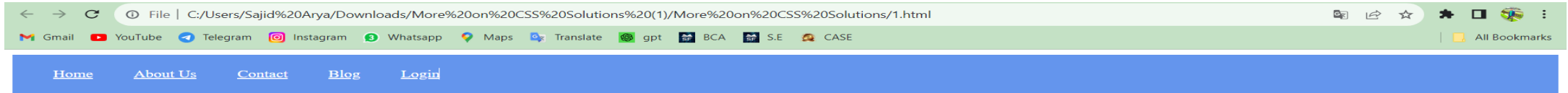
- `margin-left: 20px;`

- `}`

-

- `a:hover {`
- `color: #000;`
- `}`
- `</style>`
- `</head>`
- `<body>`
- `<nav>`
- `Home | `
- `About |`
- `Contact |`
- `Blog |`
- `Logging |`
- `</nav>`
- `</body>`
- `</html>`

- OUTPUT



- 02. Create a div centered with an image and paragraph similar to the image mentioned below ?.

- Ans- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `<meta charset="UTF-8">`
- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`
- `<title>card </title>`

- `<body>`
- `<div>`
- `<img`
 `src="https://cdn.pwskills.com/assets/uploads/thumbnails/64215310af09d6aa495682f5.jpg" alt="web`
 `development">`
- `<p>`
- `Course Name: Web development`
- `</p>`
- `</div>`
- `</body>`
- `</html>`

- 03. Create a navigation bar similar to question 10 For each navigation item use a different border style ?.

- Ans-`<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `nav {`

- `background-color: rgb(95, 195, 195);`

- `padding: 20px;`

- `}`

- `a {`

- `color: #fff;`

- `margin-right: 20px;`

- `margin-left: 20px;`

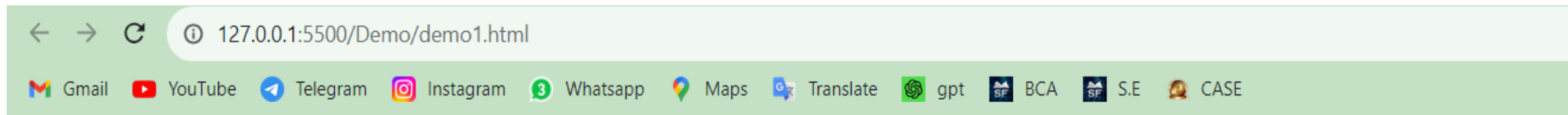
- `}`

```
• a:hover {  
•     color: #000;  
• }  
•  
•  
• .nav-link-1 {  
•     border: 3px solid black;  
•     padding: 5px;  
• }  
•  
•  
• .nav-link-2 {  
•     border: 3px dotted black;  
•     padding: 5px;  
• }  
•  
•  
• .nav-link-3 {  
•     border: 3px dashed black;  
•     padding: 5px;  
• }
```

- `.nav-link-4` {
 - `border: 3px double black;`
 - `padding: 5px;`
 - `}`
- `.nav-link-5` {
 - `border: 3px groove black;`
 - `padding: 5px;`
 - `}`
- `</style>`
- `</head>`
- `<body>`
 - `<nav>`
 - `Home | `
 - `About | `
-

- `Contact |`
- `Blog |`
- `Logging |`
- `</nav>`
- `</body>`

- OUTPUT



- 04. Create a simple webpage with an image and make the image circular using border-radius ?.

- Ans-`<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `img {`

- `border-radius: 50%;`

- `background-color: red;`

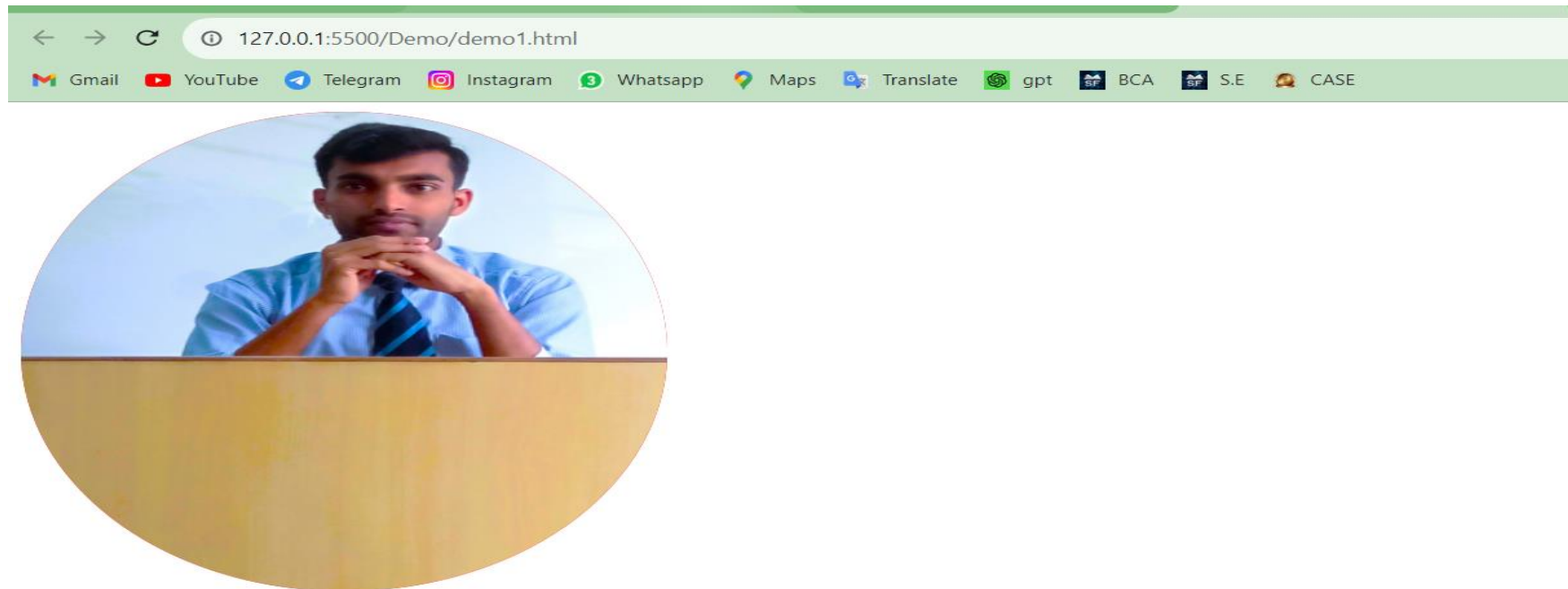
- `}`

- `</style>`

- `</head>`

- `<body>`
- ``
- `</body>`
- `</html>`

- OUTPUT



- 05. Create a simple webpage with an image Add a hover effect to the image where the border color changes and the image must be circular on hover ?.

- Ans- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `<meta charset="UTF-8">`
- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`
- `<title>image hover</title>`
- `<style>`
- `img {`
- `background-color: red;`
- `border: 12px solid grey;`
- `}`

- `img:hover {`
- `border-radius: 50%;`
- `border: 12px solid red;`
- `}`
- `</style>`
- `</head>`
- `<body>`
- ``
- `</body>`
- `</html>`

06. Create a navigation bar similar to question 3 with links aligned to the center on hovering the navigation links change the text color, increase the font size and make the text bold ?.

Ans<!DOCTYPE html>

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Document</title>
```

```
<style>
```

```
    nav {
```

```
        background-color: blue;
```

```
        padding: 20px;
```

```
    }
```

- `a {`
- `color: #fff;`
- `margin-right: 20px;`
- `margin-left: 20px;`
- `}`
- `a:hover {`
- `color: #000;`
- `font-size: large;`
- `font-weight: bolder;`
- `}`
- `.nav-link-1 {`
- `border: 3px solid black;`
- `padding: 5px;`
- `}`

- `.nav-link-2 {`
 - `border: 3px dotted black;`
 - `padding: 5px;`
 - `}`
- `.nav-link-3 {`
 - `border: 3px dashed black;`
 - `padding: 5px;`
 - `}`
- `.nav-link-4 {`
 - `border: 3px double black;`
 - `padding: 5px;`
 - `}`
- `.nav-link-5 {`
 - `border: 3px groove black;`
 - `padding: 5px;`
 - `}`

- `</style>`
- `</head>`
- `<body>`
- `<nav>`
- `Home | `
- `About |`
- `Contact`
`|`
- `Blog |`
- `Logging |`
- `</nav>`
- `</body>`
- `</html>`

- 07. Create a simple blog website about Google fonts The webpage must have the heading with “Oswald” font aligned center to the page, below the heading have an image of Google fonts and a paragraph about Google fonts in font “Montserrat” ?.

- Ans-`<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`

- `<title>Document</title>`

- `<style>`

- `@import`

- `url("https://fonts.googleapis.com/css2?family=Montserrat:wght@300&family=Oswald:wght@500&display=swap");`

- `h1 {`
- `text-align: center;`
- `font-family: "Oswald", sans-serif;`
- `}`
-
- `img {`
- `width: 450px;`
- `}`
-
- `p {`
- `font-family: "Montserrat", sans-serif;`
- `}`
- `</style>`
- `</head>`

- `<body>`
- `<h1>Google Fonts</h1>`
- ``
- `<p>`
-
- `Google Fonts is a library of 1513 open source font families and APIs for convenient use via CSS and Android. The library also has delightful and beautifully crafted icons for common actions and items. Download them for use in your digital products for`
- `Android, iOS, and web.`
- `</p>`
- `<p>`
-
- `You can also create your own highly customized collections by filtering families, weights, and scripts, plus test color themes, and review sample copy. Collections can be shared,`
- `making it easy to collaborate on projects and ensure typography is optimized and streamlined throughout the design and engineering process. In 2021, we added icons to our Google Fonts catalog, expanding expressive capability for our users.`
- `</p>`
- `</body>`
- `</html>`

- 08. Create a simple website as mentioned in the below image You can get the assets by visiting [https:// pwwskills0com/about-us](https://pwwskills0com/about-us) ?.

- Ans- `<!DOCTYPE html>`
- `<html lang="en">`
- `<head>`
- `<meta charset="UTF-8">`
- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`
- `<title>Document</title>`
- `<style>`
- `@import`
- `url("https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500&display=swap");`
- `body {`
- `text-align: center;`
- `}`


```
• h1 {  
•     color: #5a4bda;  
•     font-family: "Poppins", sans-serif;  
•     font-weight: bold;  
•     font-size: 40px;  
• }  
•  
• p {  
•     font-family: "Poppins", sans-serif;  
•     padding: 10px 15%;  
• }  
•  
• img {  
•     width: 550px;  
• }  
• </style>  
• </head>
```

- `<body>`
- `<h1>mission</h1>`
- `<p>`
- `mission is to permeate through every student/professional's outlook towards jobs and change their attitude and perspective from “How Can I Do It?” to “Of Course I Can Do It”. We aim to do this by providing exceptional upskilling courses at`
- `affordable rates, while being tech-forward so anyone, anywhere can access and improve their ability to be successful in life.`
- `</p>`
- ``
- `</body>`

- 09. . Create a simple list of items as mentioned in the below image ?.

- Ans- `<!DOCTYPE html>`

- `<html lang="en">`

- `<head>`

- `<meta charset="UTF-8">`

- `<meta name="viewport"`
`content="width=device-width, initial-`
`scale=1.0">`

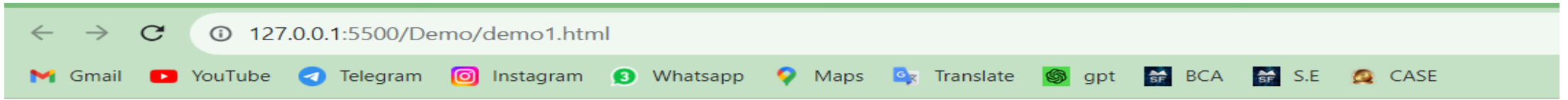
- `<title>Document</title>`

- `</head>`

-

- `<body>`
- `<h1>Requirements</h1>`
- `<ul style="list-style: lower-roman;">`
- `System with minimum i3 processor`
`or better.`
- ``
- `At least 4 GB of RAM.`
- `Working internet connection.`
- `Dedication to learn`
- ``
- `</body>`
- `</html>`

• OUTPUT



Requirements

- i. System with minimum i3 processor or better.
- ii. At least 4 GB of RAM.
- iii. Working internet connection.
- iv. Dedication to learn












- 10. . Create a simple webpage with a card similar to question number 2. The card must be semi-transparent as default and on hovering the card must be displayed clearly. Use CSS opacity to achieve this output.
- Ans-


- `<!DOCTYPE html>`
- `<html lang="en"><head>`
- `<meta charset="UTF-8">`
- `<meta name="viewport" content="width=device-width, initial-scale=1.0">`
- `<title>Document</title>`
- `<style>`
- `img {`
- `height: 200px;`
- `width: 300px;`
- `}`
- `div {`
- `background-color: aquamarine;`
- `width: 300px;`
- `padding: 10px;`
- `border-radius: 20px;`
- `opacity: 0.5;`
- `}`

- `div:hover {`
- `opacity: 1;`
- `}`
- `</style>`
- `</head>`
- `<body>`
- `<div>`
- `<img`
`src="https://cdn.pwskills.com/assets/uploads/thumbnails/64215310af09d6aa495682f5.jpg" alt="PW Skills Sigma 2.0">`
- `<p>`
- `Course Name: Web Development`
- `</p>`
- `</div>`
- `</body>`

OUTPUT

← → ↻ ⓘ 127.0.0.1:5500/Demo/demo1.html

 Gmail  YouTube  Telegram  Instagram  3 Whatsapp  Maps  Translate  gpt  BCA  S.E  CASE



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