

Head Section:

- The head section starts with the HTML5 doctype declaration and contains the usual meta tags, such as the character set, viewport, and description of the page.
- The head section also includes links to external CSS and JavaScript files, which are stored in the "css" and "js" folders respectively. These files contain the styles and scripts that are used to create the layout, functionality, and interactivity of the website.

Body Section:

- The body section contains a loader div, which is displayed while the page is being loaded. The loader div is styled using CSS to create a circular loading animation, with a transparent background and a white spinner in the center.
- The body section also contains a menu div, which is styled using CSS to create a fixed navigation bar at the top of the page. The menu div contains the logo of the salon, a phone icon, a hamburger menu icon, and a list of links to different sections of the website. The phone number is also displayed for users who are viewing the site on smaller screens.
- The body section also contains a container div, which is used to hold the main content of the website. The container div is styled using CSS to create a centered layout with a maximum width of 1200px. The container div contains several other div elements with different ids and classes, which are used to create the different sections of the website.

Home Section:

- The home section is the first section of the website and contains a large image that is displayed in the background. The image is styled using CSS to create a full-width and full-height background that covers the entire viewport. The image is also animated using JavaScript to create a parallax effect, which gives the illusion of depth and movement as the user scrolls down the page.
- The home section also contains a welcome message, a call-to-action button, and a link to the treatments section of the website. The welcome message and call-to-action button are styled using CSS to create a centered and transparent overlay on top of the image, while the link to the treatments section is styled using CSS to create a down arrow that points to the next section of the page.

About Us Section:

- The about us section contains a brief description of the salon, as well as a team photo and some testimonials from satisfied customers. The section is styled using CSS to create a two-column layout, with the team photo and testimonials on the right and the description on the left. The section is also animated using JavaScript to fade in as the user scrolls down the page.

Treatments Section:

- The treatments section contains a list of different services that the salon offers, as well as some pricing information and a link to the cosmetics section of the website. The section is styled using CSS to create a three-column layout, with the service names, descriptions, and prices displayed in separate columns. The section is also animated using JavaScript to fade in as the user scrolls down the page.

Cosmetics Section:

- The cosmetics section contains a list of different products that the salon sells, as well as some pricing information and a link to the gift vouchers section of the website. The section is styled using CSS to create a three-column layout, with the product names, descriptions, and prices displayed in separate columns. The section is also animated using JavaScript to fade in as the user scrolls down the page.

Gift Vouchers Section:

- The gift vouchers section contains a form that allows users to purchase gift vouchers for the

salon. The form is styled using CSS to create a centered and responsive layout, with input fields for the user's name, email, phone number, the gift voucher amount, and a message. The section is also animated using JavaScript to fade in as the user scrolls down the page.

Footer Section:

- The footer section contains some copyright information and a clock animation that displays the current time. The clock animation is created using JavaScript and CSS, and features a rotating clock face with moving hour, minute, and second hands.

HTML Code

The HTML code for the beauty salon website is structured using semantic tags, which help to improve the accessibility and SEO of the site. The code includes the following tags:

html: Defines the root element of the HTML document.

head: Contains meta information about the page, such as the character set, viewport, and page title.

body: Contains the content of the page, including a loader, menu, and different sections for the home page, about us, treatments, cosmetics, and gift vouchers.

header: Contains the logo and navigation menu for the website.

nav: Contains the links to different sections of the website.

section: Contains the individual content blocks for each section of the website.

article: Defines an individual piece of content within a section.

aside: Defines secondary content within a section.

footer: Contains the copyright information and clock animation for the website.

The HTML code also includes some inline styles, which are used to set the background color, font style, and size for the text on the page.

CSS Code

The CSS code for the beauty salon website is stored in an external file and is linked to the HTML code using the link tag in the head section of the document. The CSS code includes the following styles:

body: Sets the background color, font style, and size for the text on the page.

.loader: Sets the styles for the loader div, which is displayed while the page is being loaded.

.menu: Sets the styles for the menu div, which contains the logo and navigation menu for the website.

.container: Sets the styles for the container div, which holds the main content of the website.

.home: Sets the styles for the home section of the website, including the background image and overlay.

.about: Sets the styles for the about us section of the website, including the two-column layout and fade-in animation.

.treatments: Sets the styles for the treatments section of the website, including the three-column layout and fade-in animation.

.cosmetics: Sets the styles for the cosmetics section of the website, including the three-column layout and fade-in animation.

.gift-vouchers: Sets the styles for the gift vouchers section of the website, including the centered and responsive layout and fade-in animation.

.footer: Sets the styles for the footer section of the website, including the clock animation and copyright information.

The CSS code also includes media queries, which are used to apply different styles to the website depending on the screen size of the user's device.

JavaScript Code

The JavaScript code for the beauty salon website is also stored in an external file and is linked to the HTML code using the script tag at the end of the body section of the document. The JavaScript code includes the following functions:

`showLoader()`: Displays the loader div while the page is being loaded.

`hideLoader()`: Hides the loader div once the page has finished loading.

`toggleMenu()`: Toggles the visibility of the navigation menu when the hamburger icon is clicked.

`scrollAnimation()`: Fades in different sections of the website as the user scrolls down the page.

`parallaxEffect()`: Creates a parallax effect on the background image of the home section.

`clockAnimation()`: Animates the clock in the footer section of the website.

The JavaScript code also includes event listeners, which are used to trigger the different functions when certain actions are performed by the user.

Conclusion

Overall, the HTML, CSS, and JavaScript code used to create the beauty salon website results in a responsive and visually appealing website that effectively showcases the salon's services and products. The use of semantic HTML tags, external CSS and JavaScript files, and animations and transitions help to improve the accessibility, usability, and overall user experience of the site.