Quote

Generator

Student

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About Project Quote Generator

A quote generator project is a website that generates random or curated quotes for users to read and enjoy. These quotes can cover a wide range of topics, from inspiration and motivation to love, life, and success.

The project is implemented using JavaScript, HTML, CSS, DOM

The benefits of a quote generator project are numerous. Firstly, it provides users with a source of inspiration and motivation to help them through challenging times. Secondly, it can be used as a tool for personal growth and self-reflection by providing users with quotes that encourage them to think deeply about their lives and values. Additionally, a quote generator can be a useful marketing tool for businesses.

Tech stack used in Quote Generator

HTML, CSS, JavaScript, DOM

Proposed Solution

Procedure

Creating an html page

```html
<body>
    <div class="container">
        <div class="header">
            <h2>Javascript Quote Generator</h2>
        </div>

        <div class="main-content">
            <div class="text-area">
                <span class="quote">
                    "I do the very best I know how - the very best I can;
                    and I mean to keep on doing so until the end."

                </span>
            </div>
            <div class="person">Abraham Lincoln</div>
            <div class="button-area">
                <button id = "new-quote">New Quote</button>
            </div>
        </div>
    </div>
    <!-- SCRIPTS -->
    <script src="index.js"></script>
</body>
```

1. Creating a div called container and writing code inside that div
2. Creating another div called header for writing the heading of the project
3. Creating a span to write a quote
4. Writing author's name, below the quote
5. Creating a button, so that whenever a user clicks on it. It generates a new quote
6. Linking CSS for styling the page and JS for performing the quote generating operation

CSS

```css
.main-content .text-area{
    font-size: 1.5rem;
    line-height: 1.5;
}

.main-content .person{
    font-size: 1.6 rem;
    color:rgb(218, 8, 137);
    text-transform: uppercase;
    margin-top: 20px;
}

.button-area button{
    background-color:#ebdbeb ;
    color: rgb(117, 72, 163);;
    font-size: 1rem;
    padding: 10px 15px;
    margin-top: 20px;
    border-radius: 5px;
    border: solid 2px rgb(209, 127, 209);
}

.button-area button:active{
    background-color: aliceblue;
}
```

Styling Button, text area and person's name
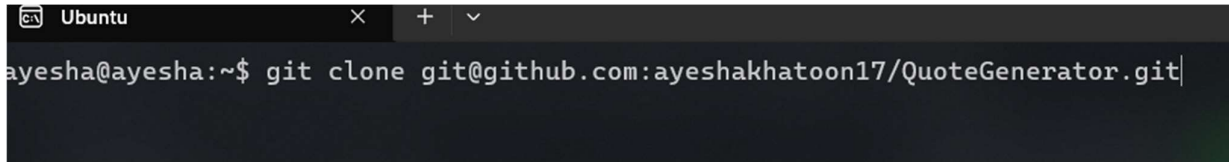
JavaScript

```javascript
let btn = document.querySelector('#new-quote');
let quote = document.querySelector('.quote');
let person = document.querySelector('.person');
const quotes = [{
    quote: `"The way to get started is to quit talking and begin doing."`,
    person: `Walt Disney`
},
{
    quote: `"The greatest glory in living lies not in never falling, but in rising every time we fall."`,
    person: `Nelson Mandela`
},
{
    quote: `"If life were predictable it would cease to be life, and be without flavor. ."`,
    person: `Eleanor Roosevelt`
},

];
btn.addEventListener('click',function(){
    let random = Math.floor(Math.random()*quotes.length)
    quote.innerText = quotes[random].quote;
    person.innerText = quotes[random].person;

})
```

1. Creating a variable btn, quote, person and assigning the Document method querySelector() which returns the first Element within the document that matches the specified selector, or group of selectors.
2. Taking a quotes variable and storing quotes in the array object form
3. Adding addEventListener to the button when it clicks it randomly selects the quote from the quotes variable with the person name and display it
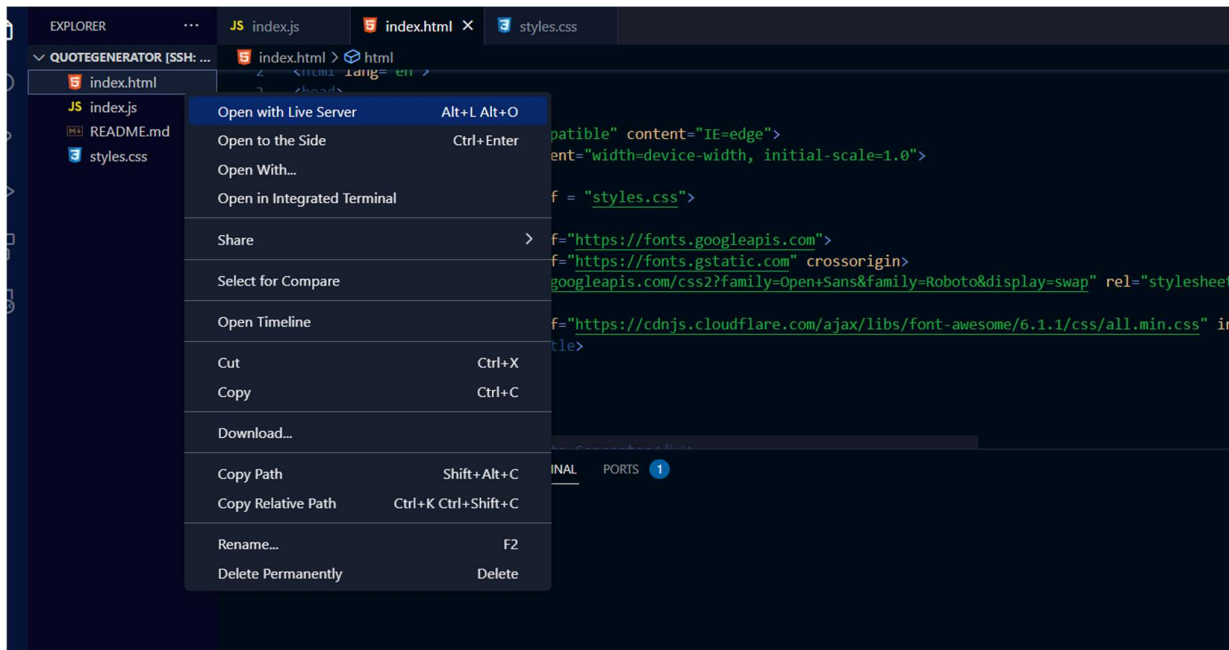
Installation of Quote Generator

GitHub Repository: https://github.com/ayeshakhatoon17/QuoteGenerator

1.Clone the repository

2. Alt + L

3. Output: