```
Guide Response: {
  steps: [
    {
      explanation: "We'll start by building a Random Quote Generator which is a great project to
practice working with APIs and DOM manipulation.",
      output: 'Project: Random Quote Generator'
    },
    {
      explanation: "Use HTML to set up your basic webpage structure. You'll need a container to
display the quote and a button to fetch a new one.",
      output: 'Step 1: Create an HTML structure'
    },
    {
      explanation: 'Create a `<div>` element with an id to display the quote and a `<button>`
element. This setup will provide basic UI components to interact with.',
      output: "HTML Example: <div id='quote'></div> <button id='new-quote'>New
Quote</button>"
    },
    {
      explanation: 'Link a JavaScript file to your HTML document. This file will handle the logic for
fetching and displaying quotes.',
      output: 'Step 2: Link JavaScript to HTML'
    },
    {
      explanation: "Include `<script src='script.js'></script>` tag before the closing `</body>` tag of
your HTML file.",
      output: "HTML Script Tag: <script src='script.js'></script>"
    },
    {
      explanation: 'Set up a basic function in JavaScript that will be called each time the button is
clicked. This function will eventually fetch a new quote.',
      output: 'Step 3: Define a JavaScript function'
    },
    {
      explanation: 'Write a JavaScript function named `getNewQuote` that is triggered by clicking
the new-quote button. Start by testing with a console log.',
      output: "JavaScript Code: function getNewQuote() { console.log('Button clicked!'); }"
    },
    {
      explanation: "Select the button and add an event listener to call `getNewQuote` when it's
clicked.",
      output: 'Step 4: Add event listener to button'
    },
    {
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    explanation: 'Using `document.getElementById` or `document.querySelector`, select the
button. Then use `addEventListener` to bind the click event to `getNewQuote`.',
    output: "JavaScript Example:
document.getElementById('new-quote').addEventListener('click', getNewQuote);"
  },
  {
    explanation: "Practice working with APIs. Choose a public quotes API such as 'quotable.io'
or 'type.fit'.",
    output: 'Step 5: Choose a public quotes API'
  },
  {
    explanation: "Access the API by reviewing the documentation and understand how to fetch
data. You'll use `fetch` API in JavaScript to make HTTP requests.",
    output: "API Example: Use fetch('https://api.quotable.io/random') to make a request."
  },
  {
    explanation: 'Integrate API fetching within the `getNewQuote` function to retrieve a quote.
Understand asynchronous JavaScript to handle responses.',
    output: 'Step 6: Integrate fetch API into JavaScript function'
  },
  {
    explanation: 'Use `fetch` to get data from the API, then handle the response with `.then()` for
processing JSON and `.catch()` for errors.',
    output: "JavaScript Code Snippet: fetch('API_URL').then(response =>
response.json()).then(data => console.log(data));"
  },
  {
    explanation: 'Modify the function to display the quote data in the previously created HTML
container.',
    output: 'Step 7: Display fetched quote in HTML container'
  },
  {
    explanation: "Once you've fetched the quote, use DOM manipulation (e.g., `innerText`) to
display the quote in the `<div>` selected by its id.",
    output: "JavaScript Example: document.getElementById('quote').innerText = data.content;"
  },
  {
    explanation: 'Finalize the styling using CSS (either in a `<style>` tag or in a separate CSS
file) to enhance the appearance of the app.',
    output: 'Step 8: Style your app with CSS'
  },
  {
    explanation: 'Use CSS to center the quote and button, and apply some colors and fonts to
make it visually appealing.',
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    output: 'CSS Example: #quote { font-size: 24px; text-align: center; }'
  }
 ],
  final_answer: "By completing this project, you will understand the basics of integrating
third-party APIs and manipulating the DOM using JavaScript. You'll create a functional and
simple interface to generate random quotes, enhancing your web development skills."
}
```