

Practice **Develop Interactive** and Responsive Web Page Using **ChatGPT**







Challenge

Design interactive as well as responsive web page for DigiDelights that interacts with 3rd party RESTful API using ChatGPT.





Points to Remember

- Use `ChatGPT` the Generative AI Model for developing the `DigiDelights` web page.
- Ensure the CSS and JS codes are not embedded within the `index.html` file and instead are written externally.



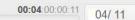
Instructions

- Click here for the boilerplate.
- Read the Problem.md file in the boilerplate for further instructions about the practice.
- Fork the boilerplate into your own workspace.
- Clone the boilerplate into your local system.
- Open command terminal and set the path to the folder containing the cloned boilerplate code.
- Open the folder containing the boilerplate code in VS Code.
- Give prompts to ChatGPT to generate code and develop the solution.
- List down all the prompts in the prompts.md file.
- Save the project documentation in the file named 'README.md'.

Notes:

- Maintain one conversation thread for entire development process.
- 2. This practice would be manually evaluated and hence the boilerplate does not contain the test code.





DigiDelights

In the world of numbers, every digit has a story to tell, a hidden fact to reveal, and a touch of fun to share. Exploring the enchanting realm of mathematics and discovering the intriguing side of numbers you never knew existed, is mind-boggling.

Join us on a journey where learning meets excitement, and where every visit promises to unravel the captivating mysteries of the numerical world. Let's dive into a universe where digits are no longer just numbers; they are your DigiDelights!

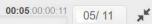


Source: Canva – Image Creator









Context

In a world where websites are made, imagine Alex, a tech whiz, creating the "DigiDelights" site. It's like a cool digital library filled with fun facts about numbers. The site is super easy to use, with a box to type numbers, buttons to get facts, and a place to see what you've found. When you put in a number and press the button, it's like opening a book, and you get a surprising number story.

But this site is even cooler because you can save your favorite stories for later. It's like keeping a special collection of awesome facts. And you can also see what other people have saved, so it's like a big, friendly club of number lovers having fun and learning together. So, Alex's site makes learning fun and easy!





DigiDelights

Create a responsive web page named DigiDelights that offers an engaging experience for users interested in exploring interesting number trivia. Users should be able to input a number, and the application should fetch captivating facts about that number from the API. When the user enters a date in the mm/dd format, the application should fetch captivating facts about that date from the API.

Moreover, users should have the ability to save their preferred trivia tidbits in a JSON format via the API for later access.

CHALLENGE









REST API URLs

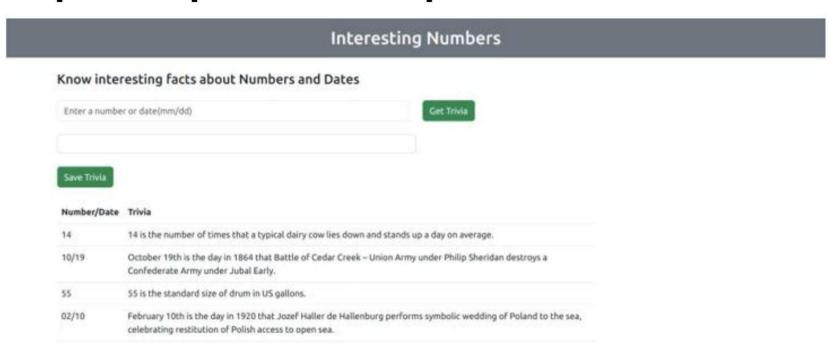
- Retrieve facts about a particular number: http://numbersapi.com/{number}
- Retrieve facts about a paraticular date : http://numbersapi.com/{month}/{date}/date
- Save a trivia fact detail: http://localhost:3000/trivia







Sample Output - Desktop View



0 7 12 0

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Sample Output – Mobile View

