



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:

1. 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 particular date : <http://numbersapi.com/{month}/{date}/date>
- Save a trivia fact detail: <http://localhost:3000/trivia>

Sample Output – Desktop View

Interesting Numbers

Know interesting facts about Numbers and Dates

Get TriviaSave Trivia

Number/Date	Trivia
14	14 is the number of times that a typical dairy cow lies down and stands up a day on average.
10/19	October 19th is the day in 1864 that Battle of Cedar Creek – Union Army under Philip Sheridan destroys a Confederate Army under Jubal Early.
55	55 is the standard size of drum in US gallons.
02/10	February 10th is the day in 1920 that Jozef Haller de Hallenburg performs symbolic wedding of Poland to the sea, celebrating restitution of Polish access to open sea.



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Menu

00:09 00:00:11

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Sample Output – Mobile View

Interesting Numbers

Know interesting facts about Numbers and Dates

Get Trivia

15 is the approximate speed in miles per hour a penguin swims at.

Save Trivia

Number/Date	Trivia
14	14 is the number of times that a typical dairy cow lies down and stands up a day on average.
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