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Personal Website

**Documentation-** **Personal Website**

**Overview**

This is a personal website created for Alexandru Brabete, a student at the Technical University of Cluj Napoca. The website includes an **About Me** section, a simple **Guess the Number Game**, and functionality to switch the background color theme.

**Technologies Used**

* **HTML**: The structure of the page and organization of content.
* **CSS**: The styling of the page, including layout, colors, fonts, and animations.
* **JavaScript**: The interactive logic for changing themes and the "Guess the Number" game.

**Sections of the Website**

1. **Header**:
   * A welcome message and a button for switching the theme (background color).
2. **Navigation Menu**:
   * Links to sections like **Home**, **About Me**, and **Contact**.
3. **About Me Section**:
   * Contains information about Alexandru Brabete, including name, email, and his status as a student at the Technical University of Cluj Napoca.
4. **Guess the Number Game Section**:
   * A simple number-guessing game where the user has to guess a number between 1 and 20. The user gets feedback on whether their guess was too low, too high, or correct. There is also a reset button to start the game over.
5. **Footer**:
   * Displays the copyright information.

**Features**

* **Theme Switching**:
  + The website allows users to change the background color by clicking a "Switch Theme" button, which opens a palette of color options. Once a color is selected, the background color of the website changes accordingly.
* **Guess the Number Game**:
  + The user can input their guess for a random number between 1 and 20. After checking, the user will be informed whether their guess is too low, too high, or correct. The number of attempts is tracked.

**File Structure**

The website consists of three main files:

1. **index.html**: The main HTML structure of the website.
2. **styles.css**: Contains the CSS rules for styling the page.
3. **script.js**: Contains the JavaScript code for the functionality of the "Guess the Number" game and the theme-switching feature.

**How to Use**

1. **Change Theme**:
   * Click on the "Switch Theme" button in the header. This will display a palette of color options. Click on a color to change the background color of the website.
2. **Play the Game**:
   * In the "Guess the Number" section, enter a guess between 1 and 20 in the input field and click the "Check Guess" button. You will receive feedback on whether your guess was too low, too high, or correct.
   * You can reset the game using the "Reset Game" button.

**Customization**

* To add more colors to the theme palette, you can edit the **colors** array in the JavaScript file (script.js), which currently holds six colors for the background.
* The "Guess the Number" game logic can be extended or modified by changing the range of numbers or the feedback messages.