

# Exercise 1 - Toggle Background Color

## HTML File:

You will be given an HTML file.

## Objective:

In this exercise, you will be working on toggling the background color of a webpage. When the user clicks on a button, the background color should switch between two different colors. You will implement the JavaScript part of the code to make this functionality work.

## Instructions:

1. **Examine the provided HTML and CSS code:** You will find a button element within a container. The CSS code is already set up with two styles for the body: the default style and the 'dark' class. Your task is to toggle between these two styles.
2. **Write JavaScript Code:** a. Select the button element with the id `toggleButton`. b. Define a function `toggleBackgroundColor` that toggles the 'dark' class on the body element. c. Add an event listener to the button, listening for a click event, and link it to the function you've just defined.
3. **Test Your Code:** Click the button and ensure that the background color toggles between the two states.

## Resources:

You may find these links helpful:

- [MDN: Using the classList API](#)
- [MDN: EventTarget.addEventListener\(\)](#)

## Note:

You are encouraged to think critically and experiment with different approaches.