Traffic Light

Build a traffic light where the lights switch from green to yellow to red after predetermined intervals and loop indefinitely. Each light should be lit for the following durations:

- Red light: 4000ms
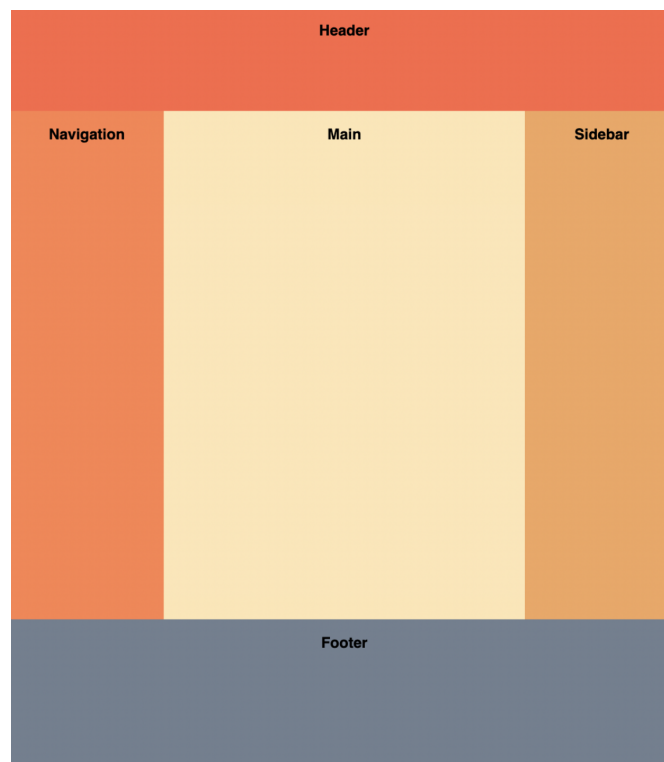- Yellow light: 500ms
- Green light: 3000ms

You are free to exercise your creativity to style the appearance of the traffic light.

Sample Video :
https://drive.google.com/file/d/1OBAWR-bZLYD1uRPuvcOqBGxvN1nKwEuh/view?usp=sharing

Holy Grail

The Holy Grail layout is a famous CSS page layout that has traditionally been hard to implement. It consists of a header, footer, and three columns. The left column contains navigation items, the middle column contains the page contents, and the right column contains ads.

Implement the Holy Grail layout using just CSS.

Requirements

- Header
  - Stretches horizontally across the whole page.
  - 60px tall.
- Columns
  - Both the left and right columns have a fixed width of 100px.
  - The center column is fluid-width.
  - All the columns should have the same height, regardless of which column is the tallest.
- Footer
  - Stretches horizontally across the whole page.
  - 100px tall.
  - The footer should be at the bottom of the page even if there is not enough content to fill up the viewport height.

Contact Form

Building forms is a common task in the Front End. In this exercise, we will build a basic "Contact Us" form, commonly seen on marketing websites for visitors to ask questions or provide feedback.

Requirements

- The form should contain the following elements:
  - Name field
  - Email field
  - Message field. Since the message can be long, using a `<textarea>` will be more suitable.
  - Submit button
    - Contains the text "Send".
    - Clicking on the submit button submits the form.
- The form and submission should be implemented mostly in HTML.
- There is no need to do any client-side validation on the fields. Validation will be done on the server side.

Submission API

Upon submission, **POST** the form data to https://www.greatfrontend.com/api/questions/contact-form with the following fields in the request body: **name, email, message**.

If all the form fields are correctly filled up, you will see an alert containing a success message. Congratulations!

Name:

Divyansh Singh

Email:

test@test.com

Message:

This is a test message.

SEND

Name:

Email:

Message:

SEND

Form submitted successfully!

Name:

Divyansh Singh

Email:

Message:

SEND

An error occurred while submitting the form.