**LAB#5**

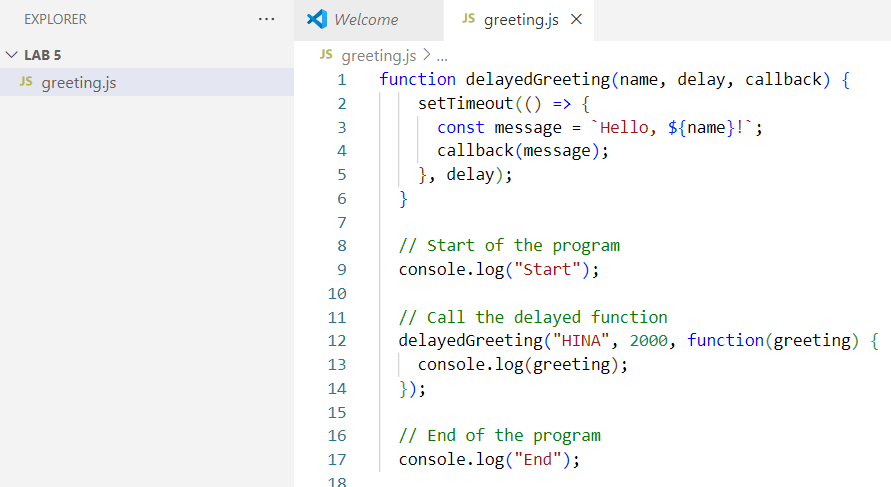
# Asynchronous JavaScript & Web APIs

**OBJECTIVE:** To master asynchronous JavaScript concepts (Promises, async/await, Promise combinators) and web manipulation techniques (DOM, BOM, Events) through practical implementation.

**Student Task**

**Task 1: Understanding Callbacks and setTimeout.**

**CODE**

****

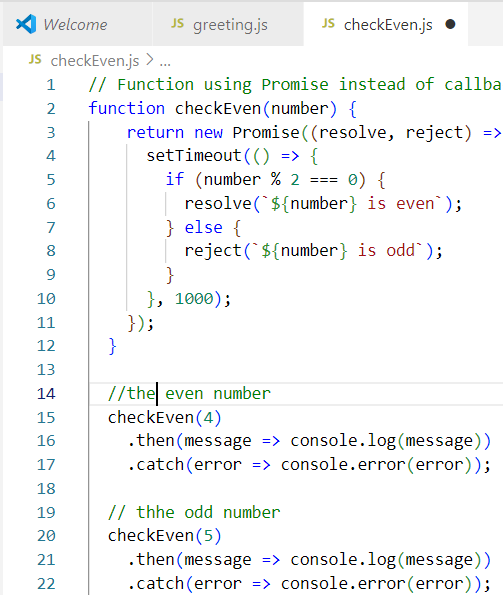
**OUTPUT**

A white background with black text

AI-generated content may be incorrect.

**Task 2: Converting Callbacks to Promises.**

**CODE**



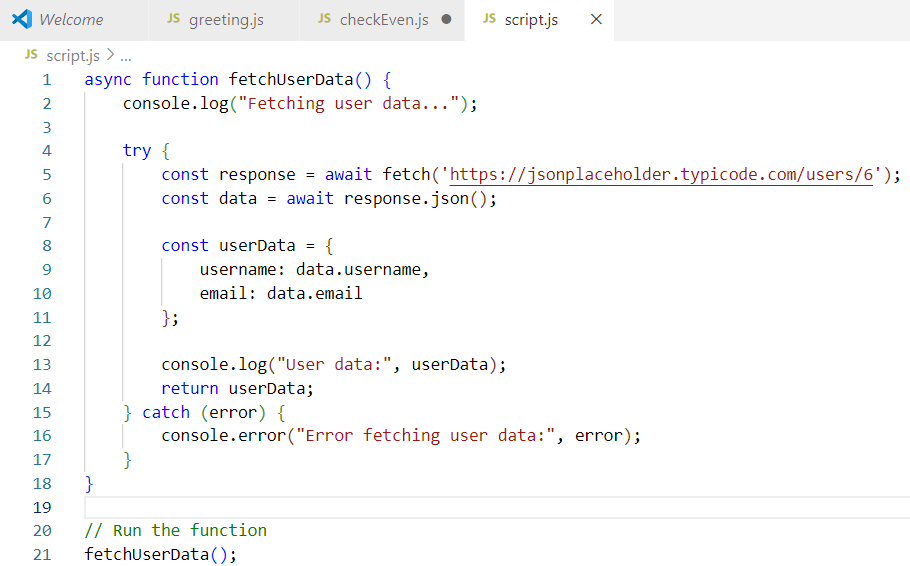
**OUTPUT**

A close up of a text

AI-generated content may be incorrect.

* **Task 3: Using async/await with Fetch.**

**CODE**

****

**OUTPUT**

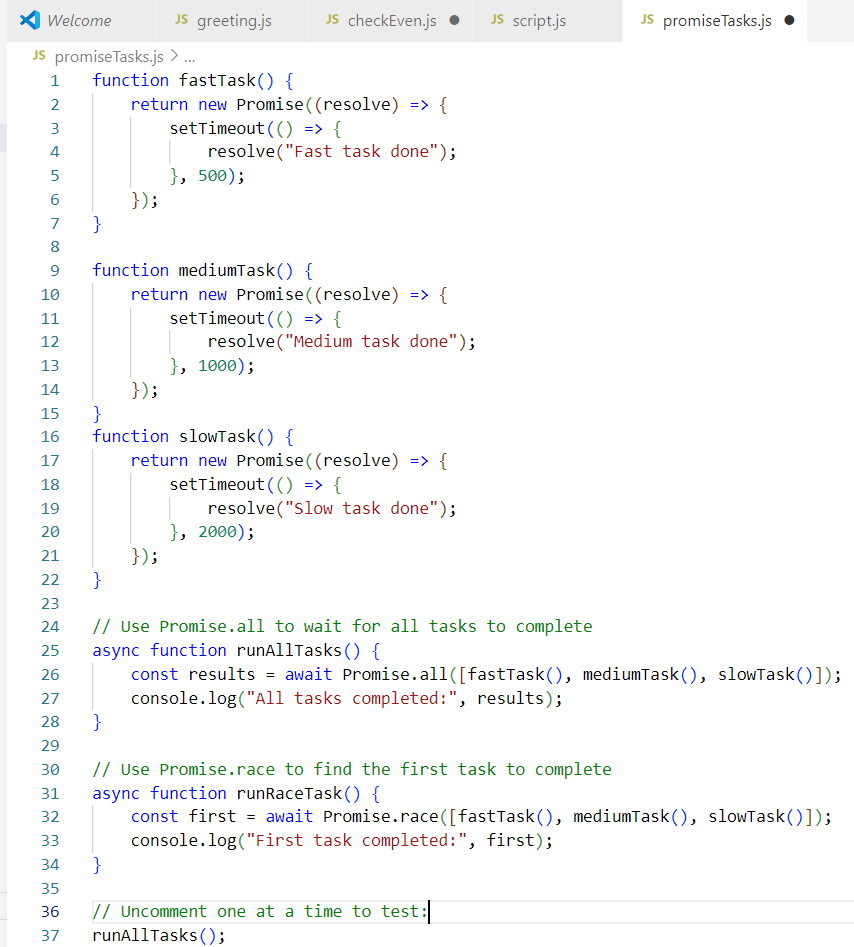
A close up of words

AI-generated content may be incorrect.

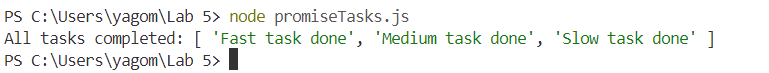
* **Task 4: Promise Combinators.**

**CODE**

* **runAll Tasks**

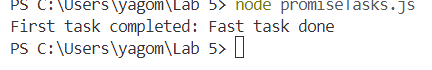


**OUTPUT**



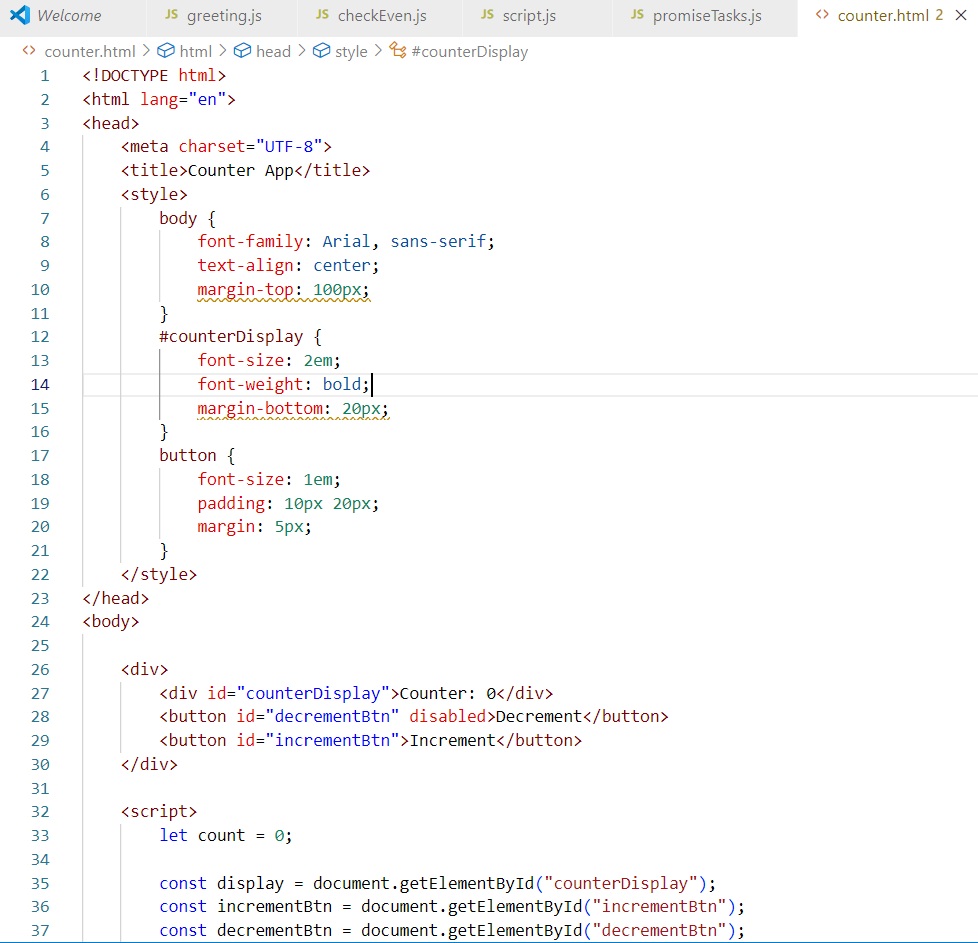
* **runRaceTask();**

**OUTPUT**

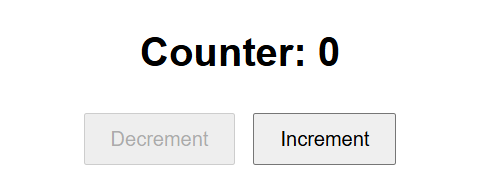
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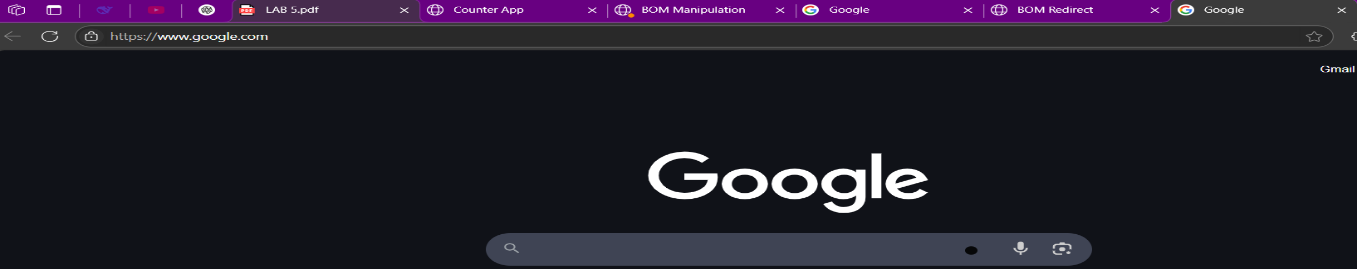
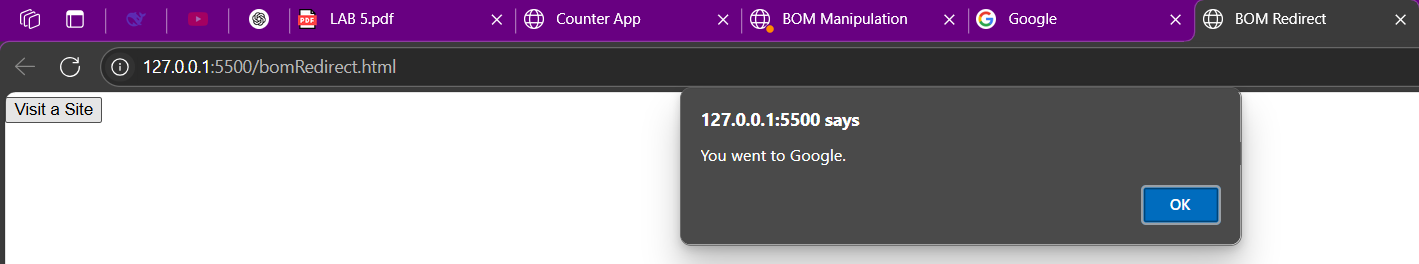
* **Task 5: DOM Manipulation.**

A screenshot of a computer program

AI-generated content may be incorrect.**CODE**

**A screenshot of a computer

AI-generated content may be incorrect.OUTPUT**

* **Task 6: BOM Manipulation.**

**CODE**

**OUTPUT**