**CTF Topic: Analyzing DOM with DOM Logger ++**

**1. Introduction**

DOM Logger ++ is a Firefox extension designed to log and inspect DOM changes in real-time on web pages. Participants will use this extension to analyze and understand the DOM structure of the test site `<http://testphp.vulnweb.com/>`.

**2. Tools and Requirements**

Mozilla Firefox browser  
Install the [DOM Logger ++ Firefox extension]

(<https://addons.mozilla.org/en-US/firefox/addon/domloggerpp/?utm_source=addons.mozilla.org&utm_medium=referral&utm_content=search>)

**3. Scenario**

In this CTF challenge, your objective is to use the DOM Logger ++ extension to inspect and understand the DOM structure of the provided test site `http://testphp.vulnweb.com/`. By analyzing the DOM changes, you will answer questions related to DOM elements and their attributes.

Steps

1. Install the DOM Logger ++ Firefox Extension  
   - Open Mozilla Firefox.  
   - Go to the [DOM Logger ++ Firefox extension](https://addons.mozilla.org/en-US/firefox/addon/domloggerpp/?utm\_source=addons.mozilla.org&utm\_medium=referral&utm\_content=search) link.  
   - Click "Add to Firefox" and complete the installation process.

2. Open the Test Site  
   - Navigate to the test site: [http://testphp.vulnweb.com/](http://testphp.vulnweb.com/).

3. Use DOM Logger ++ to Inspect DOM Changes  
   - Open the DOM Logger ++ extension from the Firefox toolbar.  
   - Enable logging or start capturing DOM changes on the test site.

4. Analyze the DOM Structure  
   - Explore different pages or sections of `http://testphp.vulnweb.com/`.  
   - Note down interesting or suspicious DOM elements and their attributes.

5. Answer the Questions  
   - Based on your analysis using DOM Logger ++, answer the following questions.

Questions and Answers

Question 1: List any CSS classes applied to the logo image on the homepage of `http://testphp.vulnweb.com/`.

Answer: CSS classes applied to the logo image: logo, img-responsive

Question 2: Describe the structure of the footer section in terms of nested elements (e.g., div inside section).

Answer: Structure of the footer section: div inside footer, ul inside div

Hint

A screenshot of a computer error

Description automatically generated

Install the DOM Logger ++ Firefox extension and use it to log and inspect DOM changes on various pages of `http://testphp.vulnweb.com/`. Note down details about DOM elements, attributes, and their relationships to answer the questions accurately.