Injecting JavaScript with UserUnified Script Injector (usi) Firefox Extension

Introduction

UserUnified Script Injector (usi) is a Firefox extension that allows users to inject custom JavaScript into any web page. This can be useful for testing, debugging, and modifying web page behavior.

Tools and Requirements

- Mozilla Firefox browser  
- Install the [UserUnified Script Injector (usi) Firefox extension](<https://addons.mozilla.org/en-US/firefox/addon/userunified-script-injector/?utm_source=addons.mozilla.org&utm_medium=referral&utm_content=search> )  
- Basic understanding of JavaScript and web development

Scenario

As a participant in this CTF challenge, your task is to use the UserUnified Script Injector (usi) Firefox extension to inject custom JavaScript into http://testphp.vulnweb.com/. Perform the injection and answer the following questions based on your findings.

Begin

1. Install the UserUnified Script Injector (usi) Firefox extension from the provided link.  
2. Visit <http://testphp.vulnweb.com/> and use the extension to inject custom JavaScript.  
3. Utilize the extension features to answer the questions.

Questions and Answers

Flag 1: Use usi to inject a script that changes the background color of the webpage to green. What is the JavaScript code used?

Answer:

javascript  
document.body.style.backgroundColor = 'green';

Flag Captured.

Flag 2: Inject a script that displays an alert with the message "Hello, CTF!". What is the JavaScript code used?

Answer:

javascript  
alert('Hello, CTF!');

Flag Captured.

Hint