

WebGoat 學習筆記-HTTP Basic

HTTP 的概念

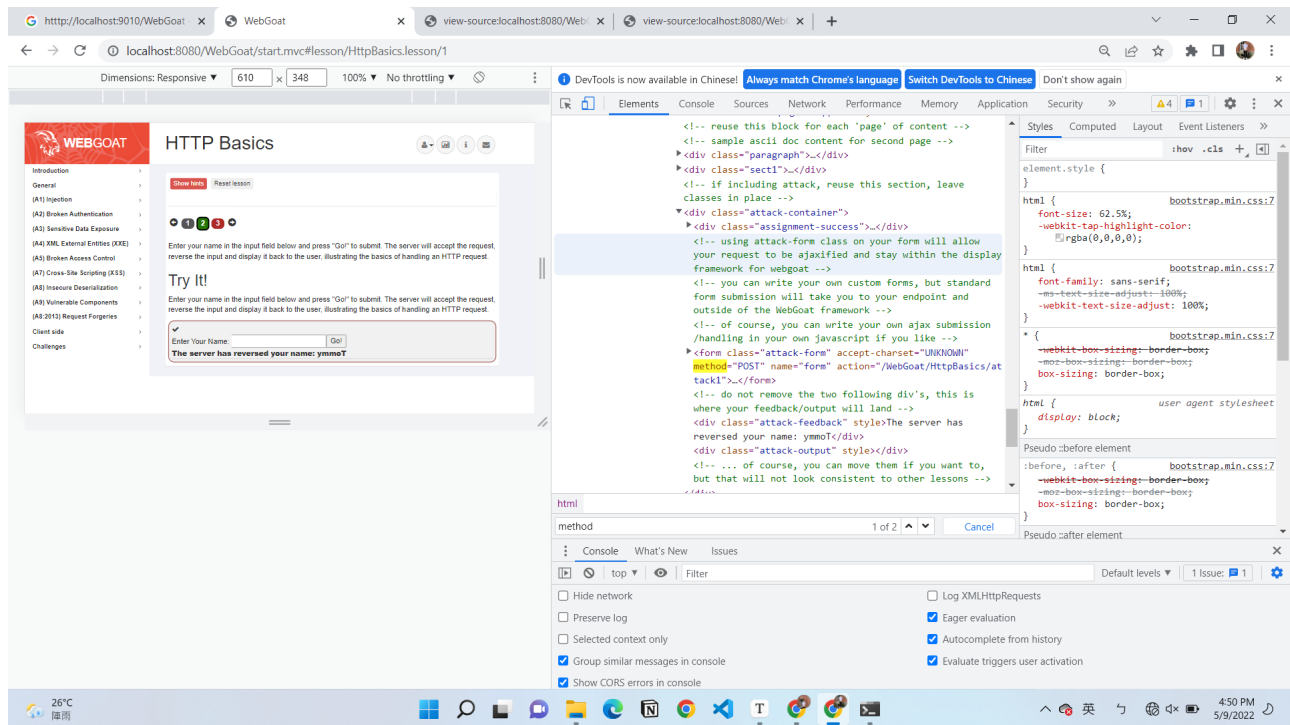
超文本傳輸協定HTTP(HyperText Transfer Protocol)，用來傳輸超媒體文件的[應用層]
[<http://ithelp.ithome.com.tw/m/articles/10000021>]協定，被設計來讓瀏覽器和伺服器進行溝通，但也可做其他用途。HTTP遵循標準[主從式架構][<http://zh.m.wikipedia.org/zh-tw/主從式架構>]模式，由客戶端連線以發送請求，然後等待接收回應，HTTP是一種[無狀態通訊協定][<http://medium.com/麥克的半路出家筆記/筆記-http-cookie-和-session-使用-19bc740e49b5>]，意思是伺服器不會保存任兩個請求間的任何資料。儘管作為TCP/IP的應用層，HTTP亦可應用於其他可靠的傳輸層，只要不會無聲無息消失就好。

請使用者在欄位輸入名字

畫面會將您輸入的東西顛倒顯示

The screenshot displays the WebGoat application running in a browser. The browser's address bar shows the URL `http://localhost:8080/WebGoat/start.mvc#lesson/HttpBasics.lesson/1`. The page title is "HTTP Basics". On the left side, there is a navigation menu with the following items: Introduction, General, (A1) Injection, (A2) Broken Authentication, (A3) Sensitive Data Exposure, (A4) XML External Entities (XXE), (A5) Broken Access Control, (A7) Cross-Site Scripting (XSS), (A8) Insecure Deserialization, (A9) Vulnerable Components, (A8-2013) Request Forgeries, Client side, and Challenges. The main content area features a "Show hints" button and a "Reset lesson" button. Below these buttons, there are three numbered steps (1, 2, 3). Step 2 is the active step and contains the following text: "Enter your name in the input field below and press 'Go!' to submit. The server will accept the request, reverse the input and display it back to the user, illustrating the basics of handling an HTTP request." Below this text, there is a "Try It!" section. It includes a text input field with the value "ymmoT" and a "Go!" button. Below the input field, a message states: "The server has reversed your name: ymmoT". The bottom of the image shows a Windows taskbar with the date 5/9/2022 and time 4:52 PM.

根據程式碼我們可以發現這個表格是使用**POST**的方式傳出去



接著我們會發現**Request**裡竟然包含一個叫做**magic_num**的參數，這個表單裡有個隱藏的表單欄位，並存了**magic_num**的值在其中。

