Assignment 7

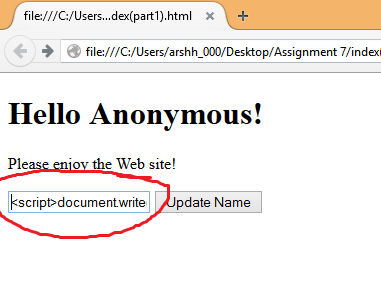
Submitted by: Arshjot Singh

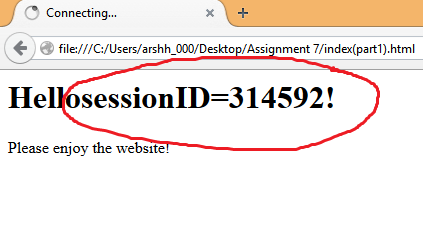
## How this site is vulnerable to cross site scripting?

This site is vulnerable to cross site scripting in a way that any hacker can probably enter his Java script code in the input box to access cookie data of the site. Hacker can make changes to the existing JavaScript code or introduce his own code via the input box. For example in this site, if a hacker enters the following code inside the input box, then he will be able to see the session id of the client.

**<script>document.write(document.cookie);</script>**

To be noted – I have used Firefox browser





## What can be done to prevent it?

One of the most effective way is to validate the input box such that it does not allow any special characters or JavaScript Keywords to be entered. Only allowing for alphanumeric characters is a good approach to prevent cross site scripting. Here I have used regular expressions in JavaScript allows validation for alphanumeric text only.

