

# COSC 647

## Homework 4 – Due Dec 09<sup>th</sup> 2015

1. Write a PHP script that takes a string as input from a user, and should return to the user the length of the string. Use a GET method, and use two different pages (one for the form, and one for the result). Repeat the previous problem, but with a POST method.
2. Write a PHP script that takes a string as input from a user, and then returns a web page containing that text in bold face. Use a GET method, and use just one page (so that the form action calls the same page). Repeat the previous problem, but with a POST method.
3. Write a PHP script that suffers from a cross-site scripting vulnerability caused by a user entering data in a form. Exploit the vulnerability to create a forged page using JavaScript. Modify the previous script so that it retains the same functionality, but no longer suffers from a cross site scripting flaw.
4. Write a PHP script that suffers from a cross-site scripting vulnerability that can be exploited by a malicious link. Exploit the vulnerability to show a forged web page. Modify the previous script so that it retains the same functionality, but no longer suffers from a cross site scripting flaw.