Secure Coding (CNT 4419)
Assignments 4 and 5

Objective: To improve depth of knowledge in several software-security topics by completing hands-on tutorials.

Due Date: Wednesday, December 4, 2019, at 5pm. No late submissions will be accepted.

Assignment Description
Do these assignments by yourself. For these assignments you will complete online tutorials on software-security topics. The tutorials are located at https://www.hacksplaining.com/lessons.

For Assignment 4, complete the following lessons:

- SQL Injection
- Cross-Site Scripting
- Reflected XSS
- Cross-Site Request Forgery

For Assignment 5, complete the following lessons:

- Open Redirects
- User Enumeration
- Command Execution
- Email Spoofing
- Password Management

Complete each lesson through the entire tutorial, including the follow-up summary page containing any prevention details. For example, the lesson on SQL-injection attacks has a follow-up page at https://www.hacksplaining.com/prevention/sql-injection, which you also need to read.

For each assignment, send the TA (kevindennis@mail.usf.edu) exactly one email. The first email should have subject "Assignment 4", and the second email should have subject "Assignment 5". The bodies of each of these two emails should begin with the following pledge: "I pledge my Honor that I completed the required lessons in their entirety." Type your name after the pledge. Then each email body needs to include a 2-3 paragraph essay in which you explain, in your own words, what you learned or got out of the lessons. If you learned nothing from the lessons, explain why. Important: To make it easier to process these emails, ***do not include any attachments***. All the text you write must only be in the email bodies. There will be a 2-point (out of 5 total points) deduction for sending an attachment. As always, essays will be graded based on factors described in the syllabus. Write in complete sentences and avoid using bullet points and enumerated lists.