



COMP 3134

Introduction to Cyber Security

Objective:

Demonstrating Web Application Hacking techniques.

Tasks:

- 1) Create page **a4_reflected.php (1 mark)**
 - a) In PHP, output a query string value without sanitizing it **(2 marks)**
 - b) In browser navigate to page above and pass query string value to alert message to screen.
 - i. Write the query in a text file named **step1b.txt (1 mark)**
 - ii. Save a screenshot of the output in an image file named **step1b.png (1 mark)**
- 2) Create a text file named **a4_toread.txt**. It will contain 5 lines **(1 mark)**
 - a) Include JS code in one of the five lines to change background-color to any color desired **(1 mark)**
 - b) Include PHP code in one of the five lines to display info about the php installation **(1 mark)**
 - c) The other 3 lines can contain any text desired **(1 mark)**
- 3) Create page **a4_stored.php**
 - a) In PHP, read and output all the lines of text file in step 2) **(2 marks)**

Submission Guideline:

- Submit all files individually.
- There should be 5 files submitted for this assignment:
 - 2 php files
 - 2 txt files
 - 1 image file (png or jpeg)
- Add one more .txt file that outlines all group members, including yourself (first name, last name & student ID).
 - Each member should be written on one line.
 - If there is 1 group member, the file should only contain one line.
 - If there are 5 group members, the file should contain five lines.
 - Add this .txt file even if you are working individually.
- Only 1 team member should submit.
- Do not submit a zip file.