Cross-Site Scripting Attack (CS 915)

Post-Lab Assignment (100 marks)

Write a report, addressing the following questions.

1. Background: explain how a cross-site scripting attack work with a diagram, the countermeasures and why these countermeasures may address the attack. [10]

2. Task 1: 1) Explain the result of this task with screenshots. 2) explain why this attack works. [10]

3. Task 2: 1) Explain the result of this attack with screenshots. 2) Answer Question 1 and 2 in the Lab Instruction. [20]

4. Task 3: 1) Explain the result of this task with screenshots. 2) Answer Question 3 in the Lab Instruction. [20]

5. Task 4: 1) Explain the result of this task with screenshots. 2) Explain why this attack works. [20]

6. Task 5: 1) Explain the result of this task with screenshots. 2) Answer Questions 4, 5 and 6 in the Lab Instruction. [20]