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| Student Name | <Enter Name Here> |
| Activity Type | Guided Practice / Computer Lab |

## Instructions

Perform the Guided Practice per the instructions in your course. As you complete each lab, insert a screenshot of your results. Perform all the tasks shown below.

**Note: Some tasks in the labs are not completed in this class, instead they are completed in the associated lab class.**

**Only** provide screenshots for the tasks that specify a screenshot. There should be a total of **4 screenshots** for this lab.

Complete the following lab tasks in the **System Hacking** ILab Module:

1. **Lab 1** - Gain access to the system
   * **Task 1** - Perform active online attack to crack the system’s password using Responder
   * **Task 2** - Audit system passwords using L0phtCrack
   * **Task 4** - Exploit client-side vulnerabilities and establish a VNC session
   * **Task 5** - Gain access to a remote system using Armitage
     1. Screenshot step 40
   * **Task 7** - Perform buffer overflow attack to gain access to a remote system (Optional)
2. **Lab 2** - Perform privilege escalation to gain higher privileges.
   * **Task 4** - Escalate privileges in Linux machine by exploiting misconfigured NFS
   * **Task 6** - Escalate privileges to gather hashdump using Mimikatz
     1. Screenshot step 45
3. **Lab 3** - Maintain remote access and hide malicious activities.
   * **Task 1** - User system monitoring and surveillance using Power Spy
   * **Task 2** - User system monitoring and surveillance using Spytech SpyAgent
   * **Task 5 -** Image steganography using OpenStego and StegOnline
   * **Task 8 -** Privilege escalation and maintain persistence using WMI
     1. Screenshot step 40
4. **Lab 4** - Clear logs to hide the evidence of compromise.
   * **Task 4** - Hiding artifacts in windows and Linux machines
   * **Task 5** - Clear Windows machine logs using CCleaner
     1. Screenshot step 8

Summary: As a result of this lab, I have learned:

* Include a few paragraphs summarizing the key skills you have acquired during this guided practice.