# **Lab Report**

1. Name: Command prompt ID: Student ID:
2. Proof of your lab work
3. Screenshot 1: Arp cache of VM2 before attack (10%)
4. Screenshot 2: Arp cache of VM2 after attack (10%)
5. Screenshot 3: Ettercap screenshot of private info (10%)
6. Please specify two methods to protect ARP spoofing and briefly explain how it works. (20%)
7. Complete following packet challenge:
   * Open AWESOME.pcapng with Wireshark and Answer the following questions :
     1. Who or what is “awesome”? (10%)
     2. What is the IP address of the DHCP Relay Agent? (10%)
     3. How many TCP FIN packets are marked as spurious retransmissions? (10%)
     4. What manufacturer’s products are looking for 169.254.255.255? (10%)
     5. How many IP hosts advertise a window scaling factor of 128? (10%)