**Week 5:  Ethical Hacking Fundamentals**

**Objective:**  Perform safe, simulated penetration tests.

**Task#03: Run Hydra to perform a simple brute-force SSH password attempt (on your own controlled environment).**

**Solution:**

**Tool Used:** Hydra v9.5 was used.

**Target:** The SSH service on 192.168.100.99.

**Input:** Hydra was configured to use a list of usernames from user.txt and a list of passwords from password.txt.

**Execution:** Hydra proceeded with a maximum of 3 tasks per server, attempting 3 login tries per task.

**Result:** The scan completed, but **no valid passwords were found** for the target SSH server using the provided username and password lists.

