

Outline for November 12, 2025

Reading: *text*, §24.2.11, 23.1–23.4

Due: Homework 4, due November 21; Completed Project, due December 9

1. Greetings and Felicitations!
2. Penetration testing debate
3. What is malware?
4. Trojan horse
 - (a) Rootkits
 - (b) Propagating Trojan horses
5. Computer virus
 - (a) Brief history
 - (b) Structure of a computer virus
 - (c) Infection vectors: boot sector, executable, multipartite, macro
 - (d) Concealment: TSR, stealth, encrypted, polymorphic, metamorphic
6. Computer worms