Homework 4

Objective:
Answer the following research-based questions with explanations.

1. Explain the difference between passive footprinting and active footprinting. Give one example of each.

2. Describe two types of information an attacker or security tester could gather by analyzing a company's website or using tools such as WHOIS, HTTP methods, or DNS. Why is this information useful?

3. Choose one social engineering technique (phishing, shoulder surfing, dumpster diving, or piggybacking) and explain one practical prevention method an organization should use to reduce the risk.