Video Guided Notes for Cybersecurity KEY

Step 1: Watch The Internet: Cybersecurity & Crime Video is 5 minutes long

Step 2: Complete the following guided notes

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1. What are two actions that have enabled cybercrime?
    a. Exploiting vulnerabilities in hardware and software
    b. Taking advantage of unintentional decisions made by people using the software

2. Describe a computer virus.
    a. A program that gets installed usually unintentionally, that harms a user and computer. A virus is self-replicating which means it can spread itself to other computers.

3. How does a virus get on your computer?
    a. Fake installation (disguised as a helpful program)
    b. Gets in through a security backdoor without your knowledge

4. What can a virus do to your computer?
    a. Steal or delete files/data
    b. Control your programs
    c. Give remote operation of your computer to another party

5. A ____bot net_____ is a digital army that can attack and take down websites. The attack is called a __Distributed Denial of Service_____.

6. What is a phishing scam?
    a. Sending large quantities of fake emails to trick people into sharing personal information.
    b. The emails look legitimate and may ask a user to log into a website.
    c. This gives the criminal the username and password for your account.

7. 90% of all cybercrime is due to ____mistakes by users_____.

8. What can you do to avoid getting hacked?
    a. Use strong passwords
    b. Check for authentic websites
    c. Install system security updates often
    d. Don't install software you don't trust