Class Activity - Top Hacker Shows Us How It is Done

# Objectives

Understand vulnerabilities of wireless and other common technologies

**Part 1: View the TEDx Video “Top Hacker Shows Us How It’s Done; Pablos Holman at TEDxMidwests”**

**Part 2: Answer the following questions**

# Background / Scenario

Nearly every “secure” system that is used today can be vulnerable to some type of cyberattack.

# Required Resources

* PC or mobile device with internet access

# Instructions

## View the TEDx Video “Top Hacker Shows Us How It’s Done; Pablos Holman at TEDxMidwests”

* + 1. Locate the video on the internet and watch it.
    2. Choose one of the hacks discussed by Mr. Holman in the video and use your favorite search engine to conduct some additional research on the hack.
    3. For the hack chosen in Step 1b, answer the questions below. Be prepared to share your work in a full class discussion.

## Answer the following questions.

### Questions:

* + 1. What is the vulnerability being exploited?
* When our devices are infected with malware our information are exposed to the threat actors.
  + 1. What information, data, or control can be gained by a hacker exploiting this vulnerability?
* All information on our devices are exposed to the attack, as a hacker can have access to all data on your device through a malware.
  + 1. How is the hack performed?
* The act of gaining unauthorized access to a computer system, or a set of computer systems,

is known as hacking. This is accomplished through cracking passwords and codes that allow access to computer systems. Password cracking algorithms programs are used by hackers to gain access to passwords.

* + 1. What about this particular hack interested you specifically?
* It has gained my attention, simply because it contains a collection with one tools for harvesting credentials from people’s Wi-Fi networks as well as a weapon to shoot out the window and target people’s Wi-Fi networks.
  + 1. How do you think this particular hack could be mitigated?
* By using an antimalware application to prevent any malware attacks by scanning all incoming data and if possible avoid connect on the public wifi especially if there are money involve in your transactions.

***Type your answers here.***

*End of document*