

# ITBU 313: Introduction to Cyber Security, Writing Assignment 01

Description and analysis of a computer security failure

## Assignment

Select an example of a failure of computer security or a computer attack. Research the exploit. Use at least five sources for your information. Write a paper as described below, discussing the exploit. Note that “copy and paste” content *is not acceptable*. You can cite a reference, but you must credit the citation. Wholesale copying of source material is cheating and will result in a violation of the honor code. This paper must reflect your own effort and thoughts.

If you are having trouble finding an exploit to write about, you can search for “well known computer attacks.” This page may get you started: [https://en.wikipedia.org/wiki/Category:Computer\\_security\\_exploits](https://en.wikipedia.org/wiki/Category:Computer_security_exploits).

## Organization

Your paper should be five full pages, including your references. It should be no longer than eight pages. You may organize your paper like this:

**Introduction** A short introduction summarizing the attack and stating its interest or importance.

**Description** Fully describe the attack or exploit.

**Causes** Give a detailed explanation of the main cause or causes of the exploit.

**Effects** Explain the damages suffered by the exploit.

**Remediation** Tell how the victim(s) responded to the attack. Include the steps taken to remediate the attack.

**Conclusion** A short conclusion summarizing what you learned from your research.

**References** You may use online references, provided that they reflect scholarly effort. Sources from social media or wikis do not constitute acceptable references. If your reference comes from a journal or proceeding, include the journal and page number. Published references are much preferred.