**Ransomware**

**Part 1: Individual Research**

1. Create a portfolio about your topic. A portfolio is a collection of high quality web resources that includes the following:

· References to web pages from trusted sources.

· Links to informative videos that are specific to one idea or topic.

· Links to news reports or journalistic articles

· Links to infographics, images, or other graphic elements

· The resources must be of high-quality

· Links to the resources may be stored in a Word or PowerPoint document, etc.

**An outline for your portfolio is as follows:**

**1. Introduction To Your Malware Type. You should have at least one quality resource for each topic.**

**a) What it does to an infected computer / user**

* (encrypts files)
* <https://www.binance.vision/security/ransomware-explained>

**b) How it infects a computer**

* <https://www.us-cert.gov/Ransomware>

**c) How it spreads**

* <https://security.berkeley.edu/faq/ransomware/how-does-computer-become-infected-ransomware>

**d) How it is different from other types of malware**

* <https://www.mcafee.com/enterprise/en-ca/security-awareness/ransomware/malware-vs-viruses.html>

**e) How to detect this type of malware**

* <https://www.malwarebytes.com/ransomware/>

**f) How to remove this type of malware**

* <https://www.youtube.com/watch?v=_E4CN2C7OLE>

**2. News report(s) of specific case/outbreak of your malware**

a) Summarize what happened

b) When and where it happened

c) Its affects: computers infected / countries attacked / financial damage

d) Who was responsible (if available)

|  |  |
| --- | --- |
| **Specific Cases** | **Description** |
| Nunavut Ransomware case | Summarize what happened:   * <https://www.cbc.ca/news/canada/north/nunavut-government-ransomware-reformat-1.5352185>   When and where it happened   * <https://www.theglobeandmail.com/canada/article-nunavut-reels-after-ransomware-attack-knocks-out-government-services/>   Its affects: computers infected / countries attacked / financial damage   * <https://www.theglobeandmail.com/canada/article-nunavut-reels-after-ransomware-attack-knocks-out-government-services/> * <https://www.ctvnews.ca/canada/ransomware-attack-knocks-nunavut-government-services-offline-1.4669575>   Who was responsible (if available)   * Not available |