Read the following articles:

* <http://www.cbc.ca/news/technology/ransomware-europe-russia-ukraine-petya-bitcoin-1.4179683>
* <http://www.cbc.ca/news/canada/toronto/oshawa-hospital-cyberattack-1.4114758>
* <https://www.thestar.com/news/canada/2017/05/13/ontario-health-ministry-on-high-alert-amid-global-cyberattack.html>

**Ransomware Basics**

1. What is a ransomware attack?

Ransomware is malicious software that locks the victim’s data and threatens to show it to the public and the data will only be released if a ransom is paid.

1. How does ransomware work and what does it affect?

Ransomware works by entering the computer and holding the data hostage and usually has a timer set for when the victim should pay the money to the hacker. It affects hospitals, government offices, major multinational corporations and more.

**Canada & Other Countries**

1. What was affected in Canada in the articles above?

A hospital in Oshawa called Lakeridge Health, a few organizations and individuals were affected.

1. How badly was Canada affected?

It wasn’t affected that badly since the virus was contained by the antivirus software in the hospital so patient information and care weren’t compromised.

1. What other countries were affected?

Other countries that were affected was the UK and Germany.

**Canada & Other Countries**

1. Where did the attack come from?

It might have spread through a rogue update in Ukraine.

1. Why was the attack started?

The attack started to get money from multinational corporations, government offices and other unsuspecting victims .

1. How was the attacked stopped?

The attack stopped because the virus spreads through when a there’s a direct link between 2 networks for example when a small Ukraine branch interacts with is Headquarters.

1. How could you be affected by a ransomware attack?

I can be affected by ransomware because it can lock my data files and threaten me to pay a ransom or my information may go to the public. Another way it can affect me is that it can rewrite the code in my computer and stop me from accessing my files.

1. How can you protect yourself against a ransomware attack?’

I can protect my6self from ransom ware by keeping up to date with antivirus programs and be aware of what emails I receive or what websites I go to because one click can download a virus onto my computer.