What is Cyber Security?

Cyber Security has become an alarming issue in the past decade and is affecting many governments throughout the world. It is best defined as, “measures taken to protect a computer or computer system (as on the Internet) against unauthorized access or attack”. Cybersecurity is the collection of tools, policies, security concepts, security safeguards, guidelines, risk management approaches, actions, training, best practices, assurance and technologies that can be used to protect the cyber environment and organization and user's assets. In our ever changing world that is the internet, there have been cases in which entire government entities have been breached. This year alone, there have been hundreds of cyber security attacks on governments such as, “Two hours after the vote opened for Hungary’s opposition primary elections, the polling systems in electoral districts nationwide fell victim to a cyberattack. The actor responsible is still unknown, but the cyberattack led to the government extending voting by two days.”

How does the UN address these issues?

In resolution 2341 (2017), the Security Council calls upon Member States “to establish or strengthen national, regional and international partnerships with stakeholders, both public and private, as appropriate, to share information and experience in order to prevent, protect, mitigate,
investigate, respond to and recover from damage from terrorist attacks on critical infrastructure facilities, including through joint training, and use or establishment of relevant communication or emergency warning networks.”

Questions to Consider:

How does your country address cyber security?

Has your country experienced a cyber security breach?

How did they handle the breach?

https://www.csis.org/programs/strategic-technologies-program/significant-cyber-incidents

https://www.sciencedirect.com/science/article/pii/S0167404813000801?casa_token=xWrGyw-mVSUAAAAA:cQS0z-TbHXzdNoNjf1V1ErYOwv9F15B4DwTa2aMIg0-SgWZ8Cu7n-gi8YFL16lc0BFQTwYM1w

https://www.un.org/counterterrorism/cybersecurity