**Cyber Threats:**

* Malware
* Phishing
* Password Attacks
* DDoS (Distributed Denial of Service)
* Man in the Middle
* Drive-by Downloads
* Maladvertising
* Rogue Software

**CIA (Confidentiality, Integrity, and Availability)**

**Need to protect from:**

* Unauthorized modification
* Unauthorized deletion
* Unauthorized access

**Vulnerability, Threat, and Risk**

**Types of Attacks**

* Website Defacing
* Buffer overflow
* Denial of Service

**Penetration Testing**

* Vulnerability Assessment
* Foot Printing
* Wayback Machine or archive.org
* <https://www.netcraft.com/>
* Using DNS to get information
* https://www.arin.net/