



# CYBER SECURITY

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## TODAY'S GOAL

Today's goal is for you to learn what cybersecurity is so that you can apply it to your daily use.

This lesson is also for your project, and I hope that you can incorporate what you learn today in your project.



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**What is Cyber  
Security?**

# What is Cyber Security?



Cybersecurity is the practice of protecting systems, networks, and programs from digital attacks.

These include malware, ransomware, phishing, and many more.

Today we will be focusing on the low-level personal cyber security attacks.

# Try this!

Which one leads to pandas and which one is the link that lets dangerous people get access to your account?

- [https://www.websitjagle.edulsjf,&rlz=1C1RXQR\\_enUS1041US1043&oq=wha+t+is+ja;srhg;sdjrgoowkfs13r992375qofjnagZjaHJvbWUqCggAEAAYksfjea;oHDAUSHG;AORGN;AKKSDLGNSDGPNSNDGSKDNG;SNGBiABDIHCAUQABiABDIHCAYQABiABDIGCACQRRg8qAIAAsAIB&sourceid=alkjg;aoirhg&ie=UTF-8](https://www.websitjagle.edulsjf,&rlz=1C1RXQR_enUS1041US1043&oq=wha+t+is+ja;srhg;sdjrgoowkfs13r992375qofjnagZjaHJvbWUqCggAEAAYksfjea;oHDAUSHG;AORGN;AKKSDLGNSDGPNSNDGSKDNG;SNGBiABDIHCAUQABiABDIHCAYQABiABDIGCACQRRg8qAIAAsAIB&sourceid=alkjg;aoirhg&ie=UTF-8)
- [https://www.ishtishsage.balfhiem/search?q=alkejalj+aeet+&rlz=1C1RXQR\\_enUS1041US1043&o&gs\\_lcrp=EgZjaHJvbWUqCggAEAAYsQMYgAQyCggAEAAYsQMYgAQyBggBEEUYOTIHCAIQABiABDIHCAMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIGCACQRRg8qAIAAsAIB&sourceid=chrome&ie=UTF-8](https://www.ishtishsage.balfhiem/search?q=alkejalj+aeet+&rlz=1C1RXQR_enUS1041US1043&o&gs_lcrp=EgZjaHJvbWUqCggAEAAYsQMYgAQyCggAEAAYsQMYgAQyBggBEEUYOTIHCAIQABiABDIHCAMQABiABDIHCAQQABiABDIHCAUQABiABDIHCAYQABiABDIGCACQRRg8qAIAAsAIB&sourceid=chrome&ie=UTF-8)

# Awareness

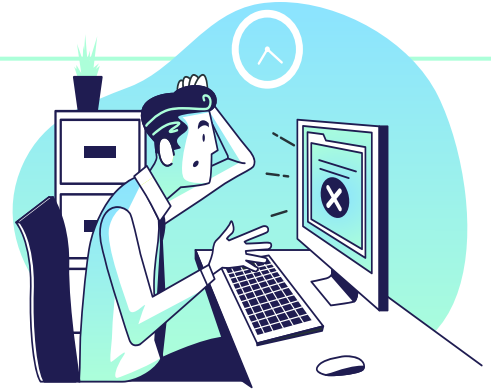
When you are on the internet, on social media, and communicating through messages or email you must do your best to identify cyber threats.

These means being aware online.



## What to look out for

- Any emails from people that you don't know
- Any texts from people you don't know
- Do not download anything without prior knowledge of the contents, and a trust in product
- Do not open any links sent from anyone unless you trust them.
- **Thumb Rule:** Passwords should be long (12), have number, letters, symbols, and capital letters.
- It's always good for all your passwords for all the applications you use to be different.
- Your passwords should not be something predictable, make them as random as possible
- Do not share your personal information with anyone on the internet, and especially not your passwords.





# Prevention

- Regularly check if your passwords are compromised
- Check your devices for viruses
- Be aware of pop-ups
- Manage your Social Media
- Multi-Layer authentication for your applications
- Use ad-blockers
- Use Anti-Virus software



# Relevance

Its relevant because YOU are the target.

In a age where all of use use technology, and are on the internet communicating everyday, we need to make sure, as young women, that we are being attentive to cyber crime.

With our use of social media and piracy\* there are thousands of threats out there on the daily.

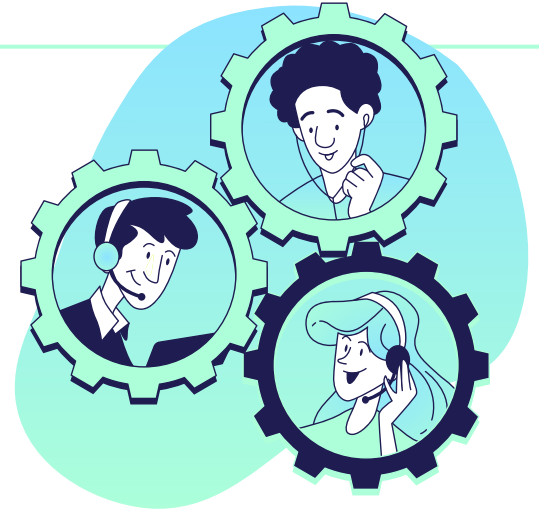
It is a safeguard against hackers that are looking for your personal information..

\*The act of downloading/accessing media illegally.



# Future Jobs

- FBI Agent
- Company tech support (Apple, Microsoft, HP)
- Digital Forensics Analyst (crime)
- Counter Intelligence Analyst (CIA)
- Use it and apply it to other fields
- Media Analyst



**Questions?**

# Awareness Video

Pause, think and act – – Cyber security awareness video – Security Quotient

**Pause, Think, Act**

3 small steps for a man, a giant leap for Cybersecurity

## RESOURCES

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- <https://www.cisco.com/c/en/us/products/security/what-is-cybersecurity.htm>
- <https://www.sans.org/cybersecurity-careers/20-coolest-cyber-security-careers/>

**Thank You!!!**