



This week we will work on

# ENGLISH FOR CYBERSECURITY & READING-LISTENING ACTIVITIES

# INTRODUCTION TO CYBERSECURITY-I

**Cybersecurity (noun)** → .....

**Example:** "Cybersecurity protects systems from digital threats."

**Encryption (noun)** → .....

**Example:** "Data encryption ensures that only authorized users can access information."

**Decryption (noun)** → .....

**Example:** "Decryption is used to unlock encrypted data with a key."

# INTRODUCTION TO CYBERSECURITY-2

**Firewall (noun)** → .....

**Example:** "The firewall blocks unauthorized access to the network."

**Malware (noun)** → .....

**Example:** "Malware can steal sensitive information from infected devices."

**Phishing (noun)** → .....

**Example:** "Phishing attacks often involve fake emails to trick users."

# INTRODUCTION TO CYBERSECURITY-3

**Ransomware (noun)** → .....

**Example:** "Ransomware encrypts data and demands payment for decryption."

**Spyware (noun)** → .....

•**Example:** "Spyware collects data without the user's knowledge."

**Trojan Horse (noun)** → .....

•**Example:** "A Trojan horse disguises itself as legitimate software."

# INTRODUCTION TO CYBERSECURITY-4

**Virus (noun)** → .....

•**Example:** "A virus replicates itself to spread to other systems."

**Worm (noun)** → .....

•**Example:** "A worm spreads across networks without user intervention."

**Vulnerability (noun)** → .....

•**Example:** "Hackers exploit vulnerabilities to gain access to systems."

# INTRODUCTION TO CYBERSECURITY-5

**Exploit (noun, verb)** → .....

•**Example:** "The exploit targeted a flaw in the application."

**Patch (noun)** → .....

•**Example:** "Applying security patches regularly can prevent exploits."

**Hacking (noun)** → .....

•**Example:** "Ethical hacking identifies weaknesses in a system."

# INTRODUCTION TO CYBERSECURITY-6

**Penetration Testing (noun)** → .....

•**Example:** "Penetration testing evaluates a system's security measures."

**Social Engineering (noun)** → .....

•**Example:** "Social engineering manipulates users into revealing sensitive information."

**Authentication (noun)** → .....

•**Example:** "Authentication ensures the user is who they claim to be."



# INTRODUCTION TO CYBERSECURITY-7

**Authorization (noun)** → .....

•**Example:** "Authorization determines what resources a user can access."

**Two-Factor Authentication (noun)** →.....

•**Example:** "Two-factor authentication adds an extra layer of security."

**Access Control (noun)** → .....

•**Example:** "Access control restricts unauthorized users from accessing resources."

# INTRODUCTION TO CYBERSECURITY-8

**Data Breach (noun)** → .....

•**Example:** "The company faced a data breach that exposed sensitive information."

**Zero-Day Attack (noun)** → .....

•**Example:** "Zero-day attacks exploit undiscovered vulnerabilities."

**Threat (noun)** → .....

•**Example:** "Cybersecurity experts constantly monitor for potential threats."

# INTRODUCTION TO CYBERSECURITY-9

**Risk Assessment (noun)** → .....

•**Example:** "Risk assessment identifies potential vulnerabilities and threats."

**Incident Response (noun)** → .....

•**Example:** "Incident response teams handle security breaches."

**Forensics (noun)** → .....

•**Example:** "Forensics investigates the cause of a cybersecurity breach."

# INTRODUCTION TO CYBERSECURITY-10

**Network Security (noun)** → .....

•**Example:** "Network security ensures that data is transmitted safely."

**Public Key (noun)** → .....

•**Example:** "The public key is shared to encrypt messages."

**Private Key (noun)** → .....

•**Example:** "The private key is used to decrypt encrypted messages."

# BOOK/BLOG RECOMMENDATION

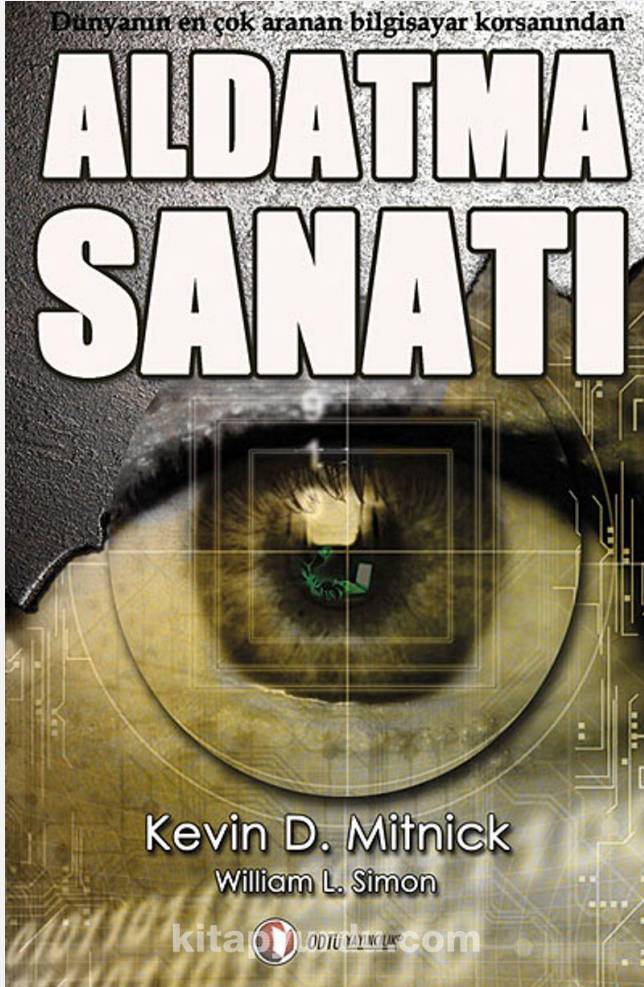
<https://security.googleblog.com/>

<https://tryhackme.com/>

**Google** Security Blog

The latest news and insights from Google on security and safety on the Internet

Defence Conference  
[DEFCON](#) – Youtube



Kevin D. Mitnick



<https://www.schneier.com/>

LISTENING

**English FOR IT**

**Computer Ethics- LISTENING ACTIVITY.**

<https://128.pl/UeDYD>

# ASSIGNMENT



Watch a Video on DEFCON YouTube Channel:

<https://www.youtube.com/@DEFCONConference/videos>.

Write a paragraph explaining what speaker is talking about.

Make sure your paragraph contains the information below:

Video Link, Speaker Name, vulnerability or exploit they are using. How they have found the problem. Assess the impact of the vulnerability to society. Is it solved? Why you picked that video? Did it trigger you to try similar things? Can you use similar tricks in your life? Is it a common problem in the similar vendors?

Send your paragraphs in an email to [dr.ercan.ezin@gmail.com](mailto:dr.ercan.ezin@gmail.com)



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