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Second stage

Introduction about cybersecurity

Cybersecurity is one of the most important and modern fields in technology. Most tools, systems, and programming languages are designed in English. Therefore, English is not just a subject — it is an essential skill for every cybersecurity student

What is Cybersecurity?

- **Cybersecurity** is the protection of computers, networks, programs, and data from attacks, damage, or unauthorized access.
- **Another definition**
- **Cybersecurity** means keeping information safe on the internet and computers.

Why Is English Important in Cybersecurity?

Cybersecurity protects:

- Personal information (like passwords and bank details)
- Company data
- Government systems
- Online services
- Without cybersecurity, hackers can steal data, spread viruses, or damage systems.

• **Examples of Cybersecurity**

- Using a **firewall** to block attacks استخدام جدار حماية لمنع الهجمات
- Installing antivirus software برنامج مضاد الفيروسات
- Creating strong passwords انشاء كلمات مرور قوية
- Encrypting data تشفير البيانات

Common Cybersecurity Threats

- Viruses فايروسات
- Phishing attacks هجمات التصيد الاحتيالي
- Malware البرمجيات الخبيثة
- Hacking الاختراق

Reading Technical Materials

Most:

- Books
- Research papers
- Online courses
- Security reports
- are written in English. Students need English to understand new cybersecurity updates and threats.

International Certificates and Jobs

- Important cybersecurity certifications such as:
- **CEH (Certified Ethical Hacker)**

• الهاكر الأخلاقي المعتمد

• هي شهادة مهنية عالمية في مجال الأمن السيبراني تهدف إلى تدريب المتخصصين على كيفية التفكير والتصرف مثل المخترقين (الهاكرز) ولكن بطريقة قانونية وأخلاقية لاكتشاف الثغرات الأمنية وإصلاحه

Also, many companies require English for communication, writing reports, and working with international teams.

Important Cybersecurity Terms

Term	Meaning
Cybersecurity	حماية الأنظمة والبيانات من الهجمات
Network	شبكة
Firewall	جدار حماية
Malware	برنامج خبيث
Virus	فيروس
Phishing	تصيد إلكتروني

- Threat
- تهديد
- Attack
- هجوم
- Hacker
- مخترق
- Ethical Hacker
- مخترق أخلاقي
- Data Breach
- تسريب بيانات
- Backup
- نسخة احتياطية
- VPN
- شبكة خاصة افتراضية

Dialogue Between Two Students

- **Sara:** Why do we study English in the Cybersecurity department?
Ali: Because most cybersecurity tools and programs are in English.
- **Sara:** Do we need English for programming?
Ali: Yes, of course. Programming commands like *if*, *else*, and *while* are in English.
- **Sara:** What about jobs after graduation?
Ali: Companies require English to read reports and communicate with international teams.
- **Sara:** So English is very important for our future.
Ali: Exactly. It is the key to success in cybersecurity.

Conclusion

- English is not an optional skill in cybersecurity. It is essential for:
- Understanding tools
- Learning programming
- Reading security reports
- Getting international certificates
- Finding better job opportunities
- Improving English means improving your future in cybersecurity.

- Write a short dialogue (4–6 lines) between two students talking about cybersecurity tools