

Class 3

আজকের ক্লাসে যা যা শিখব ইন শা আল্লাহ-

- ১। বিভিন্ন প্রকার ম্যালওয়ারের প্রকারভেদ
- ২। ইরানের পারমাণবিক শক্তি এবং সাইবার আক্রমণ

বিভিন্ন প্রকার ম্যালওয়্যারের প্রকারভেদ

Malicious Software → Malware

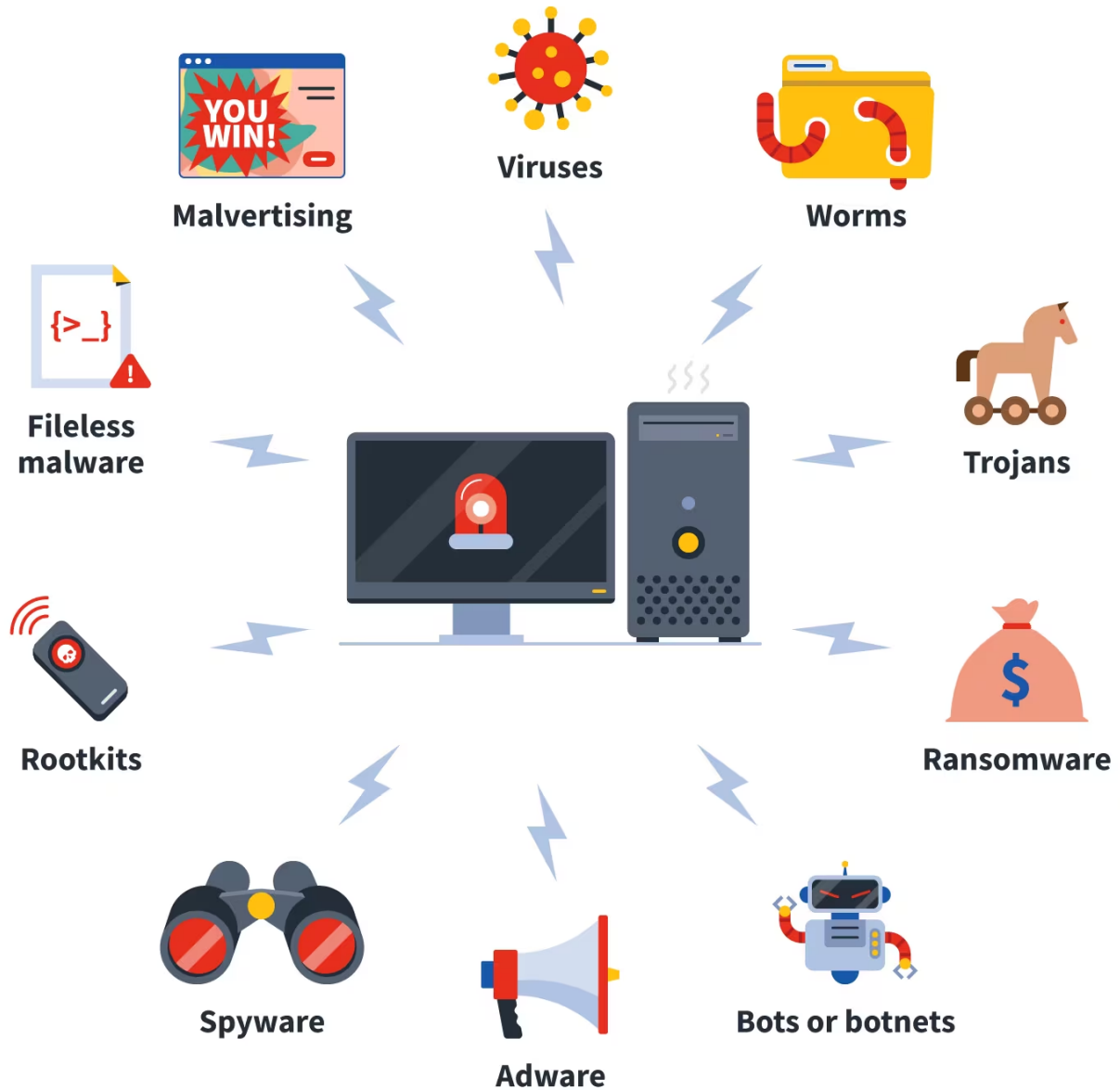
আমি কম্পিউটারকে নির্দেশনা দিব আর কম্পিউটার আমাকে কাজ করে
দিবে → coding, programming

Communication gap → Language

Programming Language → C, C++, Python, Java, Javascript,
C# → Software, Program, Code

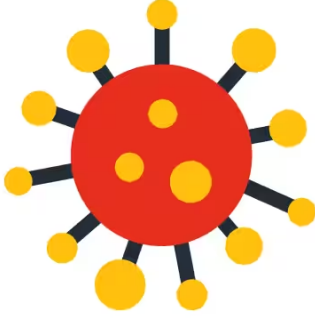
Web Browser, Video Player, Audio Player,

Types of Malware



Virus

দেহে প্রবেশ করলেই প্রাণ ফিরে পাবে। রিপ্লিকেট করতে পারে।



Malware viruses are a piece of malicious code inserted in an application, program, or system and they're deployed by victims themselves.

Worms, similar to malware viruses, are a type of malware that replicates itself. Unlike viruses, however, worm malware can copy itself without any human interaction, and it's not host-dependent, meaning it does not need to attach itself to a software program to cause damage.

Adware, a contraction of ‘advertising-supported software’, displays unwanted and sometimes malicious advertising on a computer screen or mobile device, redirects search results to advertising websites, and captures user data that can be sold to advertisers without the user's consent. Not all adware is malware, some is legitimate and safe to use.

Spyware is a form of malware that hides on your device, monitors activity, and steals sensitive information like financial data, account information, logins, and more. Spyware can spread by exploiting software vulnerabilities or else be bundled with legitimate software or in **Trojans**.

Trojans



Norton

<https://ie.norton.com> › Blog Home › Malware

What Is A Trojan?

Generally speaking, a Trojan comes attached to what looks like a legitimate program, however, it is **actually a fake version of the app, loaded up with malware.**



The Trojan Horse was a wooden horse said to have been used by the Greeks during the Trojan War to enter the city of Troy and win the war.



Trojans are not able to self-replicate.

Ransomware

Ransomware locks a victim's device or encrypts their data and demands a ransom to restore access.



Rootkits

- ১। কোনো unofficial app, software নামাবেন না।
- ২। এডে ক্লিক করবেন না।

Interconnected Network

What Is A Rootkit and How Does It Work?



- 1** A rootkit is unknowingly installed on a device.
- 2** Attackers use the rootkit to modify and bypass user permissions and security.
- 3** Once the attacker has access, they may use the rootkit to steal information, spread malware, or infect other devices on the network.

ইরানের পারমাণবিক শক্তি এবং জহিরার আশ্রম

Uranium → Isotope → Enrichment → Technology