**MALWARE**

**Introduction to Malware**

It’s your first day on the job at Cybercademy — a new cybersecurity organization that helps companies improve their security practices.

**Your Task**

Identify various types of [malware](https://www.codecademy.com/resources/docs/cybersecurity/malware) on an infected device and provide suggestions to the client on how they can prevent this from happening in the future.

But first, what is malware? *Malware* is malicious hardware, firmware, or software inserted into a system to cause damage or gain unauthorized access to a network. Any type of malware can greatly compromise the security principles of Confidentiality, Integrity, or Availability.

Throughout this lesson, you will learn how each type of malware gets into a system, what it does, and a short suggestion for how to be cautious against this form of malware.

