

Malicious Program vs. Vulnerable Program

The program **has been** designed to compromise the security
of the operating system

→ These exercises are mandatory

The program **has not been** designed to compromise the
security of the operating system

➡ The user executes a legitimate program that executes the
malware

• **Code Execution Vulnerability** : a vulnerability that can be exploited to execute a malicious program

Malicious Program vs. Vulnerable Program

The program **has been** designed to compromise the security of the operating system

➡ The user executes a malware

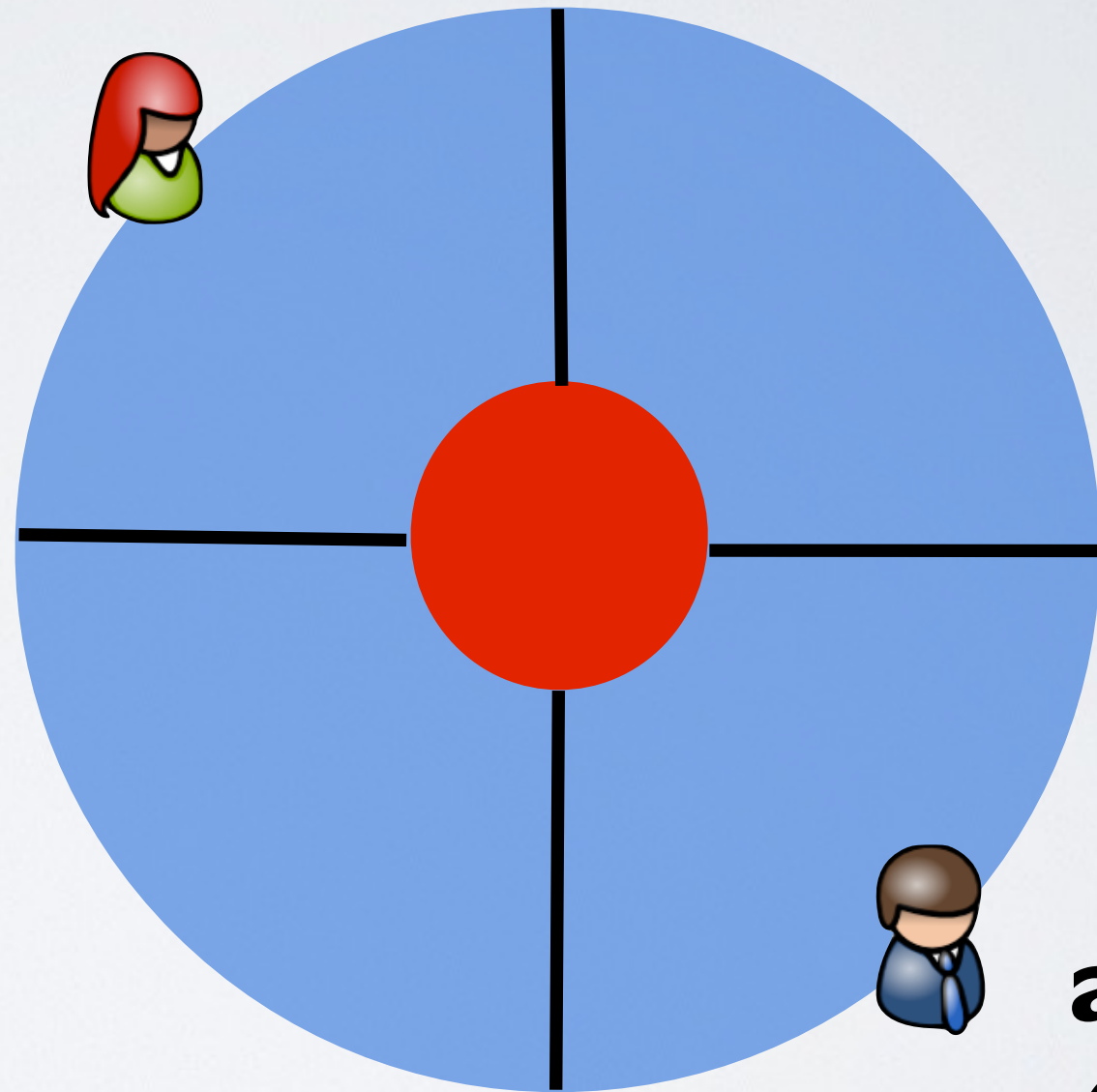
The program **has not been** designed to compromise the security of the operating system

➡ The user executes a legitimate program that executes the malware

◎ **Code Execution Vulnerability** : a vulnerability that can be exploited to execute a malicious program

Malicious programs executed by the user

Alice



**admin
(root)**