



# 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

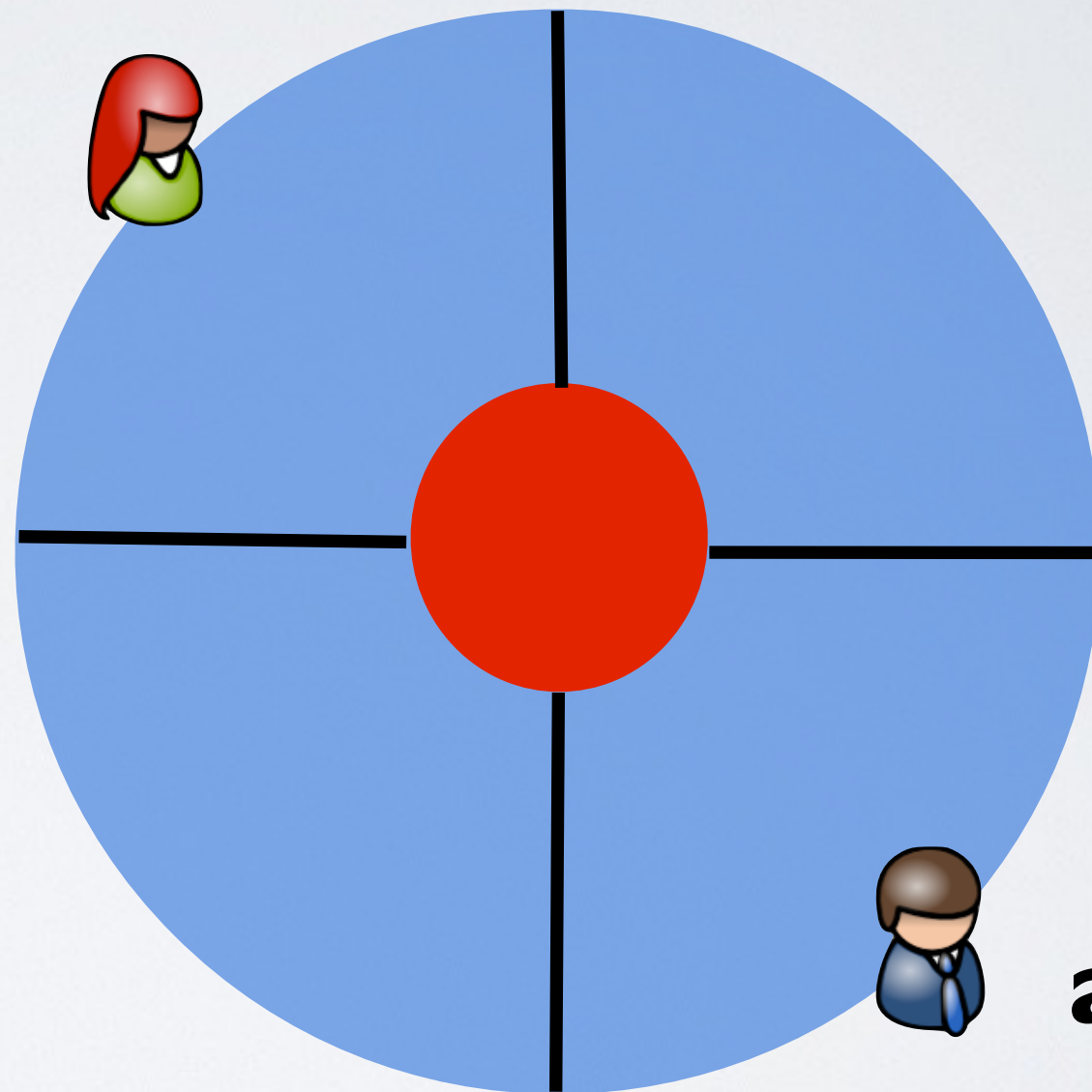
➡ The user executes a legitimate program that executes the malware

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



# Malicious programs executed by the user

**Alice**



**admin  
(root)**