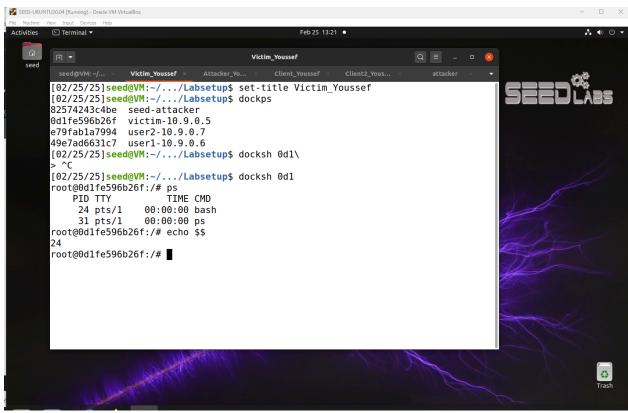
Question 1:

The process ID of the running shell (current process) in Question 1 (P1) is retrieved using the command \$ echo \$\$. This command prints the PID of the shell executing it, allowing us to identify the current shell instance.

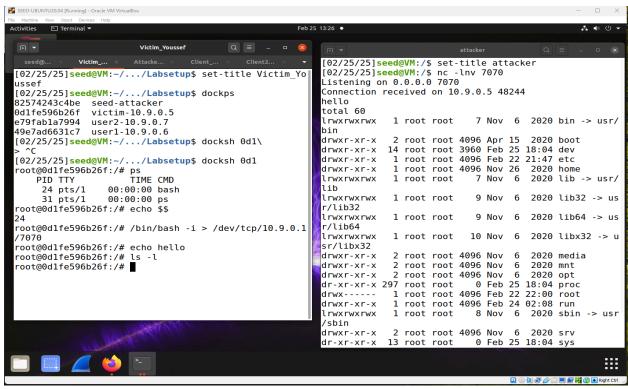
Screenshot 1:



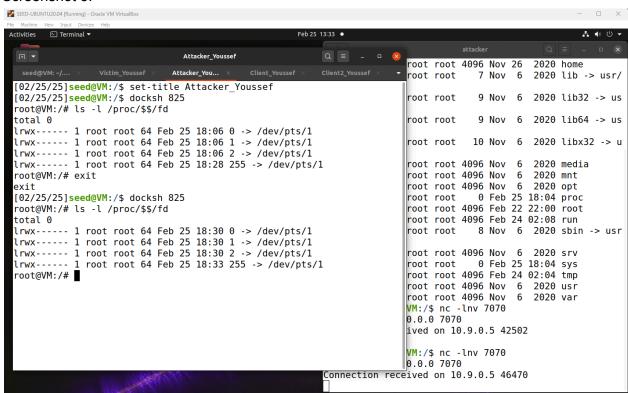
Question 2:

In Question 2 (P2), the same command \$ echo \$\$ is used again to check the process ID. If the PID matches P1, it confirms that it's the same shell instance. If it's different, it means a new shell session was started between the two commands.

Screenshot 2:



Screenshot 3:



Screenshot 4:

