

# Processes – assignment no. 1

- **Preparation:**
  - As a regular user: create a process that consumes “a lot of” CPU time and/or memory.
- **Task:**
  - As an administrator: identify a process that is exhausting system resources.
  - Identify a user that started the process.
  - Lower the scheduling priority of the process.
  - Stop the process.
  - Terminate the process.
- Number of points: 1

# Processes – assignment no. 2

- **Preparation:**

- As a regular user: Create a process that is running a program from directory /tmp, waits for network connection and redirects its data to shell (input as well as output).
- Another user (colleague) connects (from another machine) and uses the exposed shell.

- **Task:**

- As an administrator: Identify a process executed from /tmp, and a user that the process is running as.
- Determine what network connections has the process open (addresses and ports).

- Number of points: 1

- You can install any missing tool, if needed.

# References

- man ps, man top, man uptime
- man vmstat, man free
- man proc
- man mknod, man mkfifo
- man lsof, man fuser
- man pgrep, man pkill
- man kill
- man renice
- man nc
- man netstat