**Homework: Operating Systems**

Problems for homework for the ["Software Technologies" course @ Software University.](https://softuni.bg/trainings/4326/software-technologies-september-2023)  
Submit this document as your homework.

* **Work with Task Manager in Windows**
* **View processes:**
* Open Task Manager and view the list of running processes.
* Identify any processes that are using a high amount of CPU or RAM.



* **Kill a process:**
* Select a process from the list and end the task.





* **View CPU & RAM usage:**
* Navigate to the Performance tab in Task Manager and view the CPU & Memory usage.





* **Replace all pictures with screenshots from your PC.**
* **Play with Windows Terminal**
* **Navigate Directories:**
* Use the "**cd**" command to navigate to different directories in the Windows Terminal:
* Desktop
* Documents
* Downloads
* Example (make screenshots of all three directories):







* Create folder named My\_SoftUni\_Repo on the Desktop through the Terminal.
* Example:





* Enter the created folder through the Terminal and make a screenshot:
* **Replace all pictures with screenshots from your PC.**
* **Play with Docker Playground & Run a Linux Shell inside**
* **Run your own container in Docker Playground and make an HTTP request from Linux Shell:**
* Your task is to run a new docker container and make an HTTP request to the following API: [**https://api.zippopotam.us/**](https://api.zippopotam.us/)
* Extend the URL with "**de**" for Germany, and find a valid postal code that you can use to extract information from the API.
* Replace the example images with your own screenshots.
* Examples:



