# 02. Processing Linux Commands

*In this problem, you will demonstrate your ability to work with* ***Linux commands*** *in either the* ***Windows Subsystem for Linux (WSL)*** *or the* ***Docker Playground environment****. Your task is to* ***download a file****,* ***execute******a processing command*** *on it, and* ***submit the output*** *for evaluation:*

1. **Environment Setup:**

* If you choose to use **WSL**, open the **WSL terminal**. If you don't have WSL installed, follow the official documentation to set it up for your version of Windows -> <https://learn.microsoft.com/en-us/windows/wsl/install>
* Alternatively, you can use the Docker Playground, which provides a virtual environment running Alpine Linux. Access the Docker Playground by visiting <https://labs.play-with-docker.com/>

1. **Package Installation:**
   * **For WSL**: In the WSL terminal, depending on your WSL distribution, use **the appropriate package manager** for your **Linux distribution** (e.g., **apt** for Ubuntu) to install the required package.
   * **For Docker Playground**: Alpine Linux uses the **"apk" package manager**. Open the **terminal in the Docker Playground** and install the required package.
     + Alpine Linux, used in the Docker Playground, comes with the **cksum** command pre-installed, so no additional package installation is required.
2. **File Download:**
   * In the chosen environment, find the appropriate command to **download a file from a given URL**.
   * Download the file from the following URL: <https://api.zippopotam.us/SJ/8099>
3. **Processing Command:**
   * The **"cksum"** command reads the files specified by the File parameter and calculates a **32-bit checksum** Cyclic Redundancy Check (CRC) and the **byte count** for each file.
   * **Execute the processing command on the downloaded file** using the appropriate command for your environment.
4. **Copy the output generated by the processing command**. Do not include the file name or the space after the cksum command.
5. **Submit the output in Judge**.

*Follow these instructions to complete the task successfully in either the Windows Subsystem for Linux (WSL) or the Docker Playground environment. Adapt the specific steps and commands based on your chosen environment, referring to the environment-specific instructions provided earlier.*