# 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/TH/10100>
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.

Answer:

4224367018 347

