Task 1: System Monitoring Setup

Objective: Configure a monitoring system to ensure the development environment's health, performance, and capacity planning.

Steps:

1. **Clone the repository**
   Use the following command to clone the Git repository:

- `bash: git clone https://github.com/KevinKoreth/monitoring_scripts.git`

- **Make the scripts executable**
  Run the command:

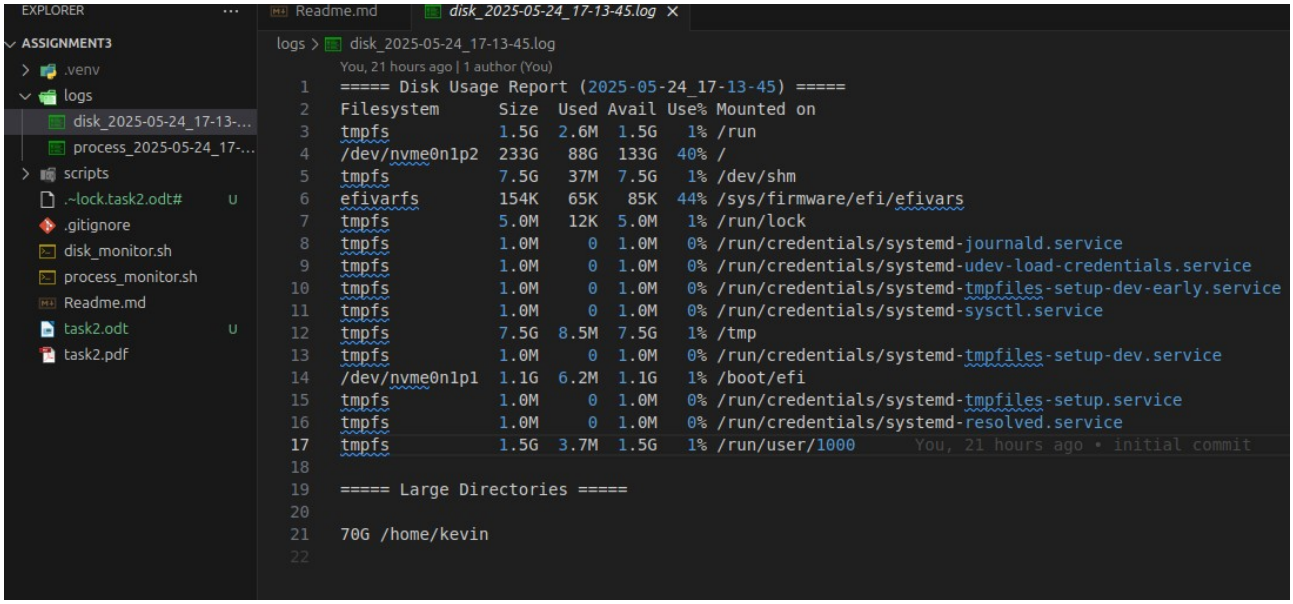
- cd into the scripts directory: cd ./scripts

- bash: chmod +x disk_monitor.sh process_monitor.sh

1. **Check overall disk usage**

    - Execute the `disk_monitor.sh` script to monitor disk usage and identify large directories in `/home`.

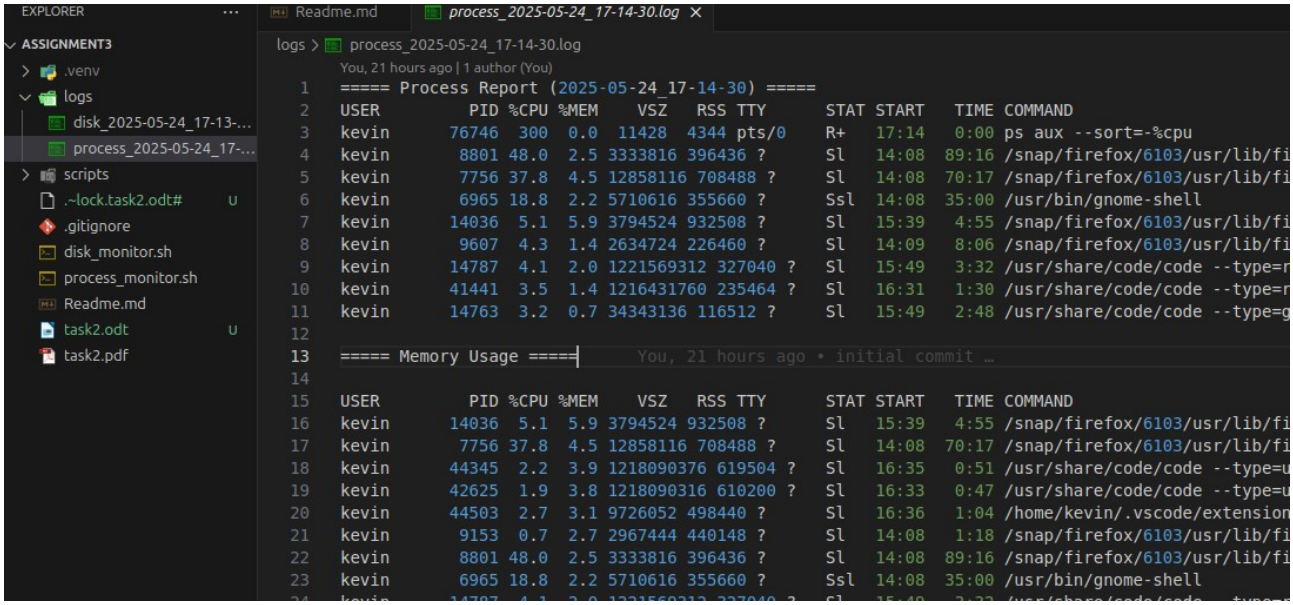
    - Logs are saved to `logs/disk_<timestamp>.log` (directory auto-created on first run).



2. **Run the process monitor script**

    - Execute `process_monitor.sh` to list the **top 10 CPU-intensive** and **memory-consuming processes**.

- Logs are saved to `logs/process_<timestamp>.log`.



File Locations

- **Scripts:** Located in the root directory of the cloned repository.
- **Logs:** Stored in the `logs/` directory (automatically created when scripts run for the first time).