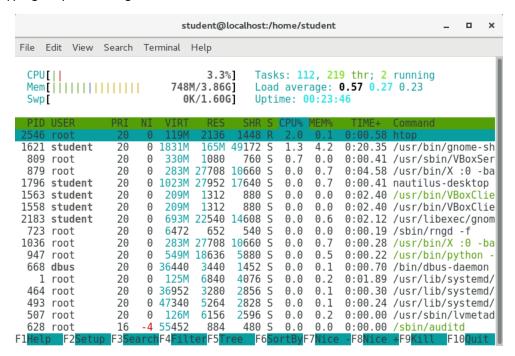
Lab 4b - Monitoring Tools

For this lab, I chose **htop** as my process monitoring application. To install it, I opened the terminal and type in "yum install htop". The whole process took bout 15 seconds and htop was ready to go. I launched it by just typing htop and was greeted with the screen below.



My first impression of it was that it's just a fancier looking top. But after using it for a few minutes, I find it a bit more user-friendly and visually-appeasing. You still get the same functionalities like check process IDs and the user they belong to as well as kill them. The search and sort functions are nice when you're looking for a particular process or just remember it by a part of its name.

Overall, htop is useful albeit a bit basic compared to other third-party process monitors.

Installation

- Open terminal
- Type "yum install htop"
- Press "Enter"

Rating: 4/4: Very easy to install. The process takes a trivial amount of time and mostly depends on your internet connection.

Ease of Use

- The GUI is very similar to top.
- Has no fancy UI and you'll have a hard time if you have trouble using Linux terminal.
- Help page is helpful but you'll have to either memorize all the commands or check it very frequently

Rating: 2/4

Usefulness

- htop can do anything top can
- Gives you a comprehensive list of all the processes running
- Features a virtualization of real-time resource usage
- Has easy-to-access buttons at the bottom

Rating: 3/4

Recommendation

- Easy to install and get running
- Basic and limited UI
- Is useful if you want something quick and better than top

Rating: 3/4