

# Montrer

## What is Montrer?

Montrer - The Nmap Port Scanner Extension Tool. Written In Python - Version 1.0. Created by Marco Jameson Pangilinan. Montrer is an Nmap extension tool that displays Nmap ICMP and TCP scan results in a tabular and presentable format. Montrer is the french word for the verb display. Must have the following pre-requisites (installed in root): running in python3, python-pip, python-nmap, argparse module, json module, ipaddress module, tabulate module, time module, pyfiglet2 module, and sys module',

## Pre-requisites for Montrer

- Package list must be updated: `sudo apt update`
- Install Python3 for Ubuntu: `sudo apt install python3.8`
- Install pip for Python modules: `sudo apt install python-pip`
- Install nmap for Python: `sudo pip install python-nmap`
- Install Argument Parser module: `sudo pip install argparse`
- Install JSON Module: `sudo pip install jsonlib`
- Install IPAddress Module: `sudo pip install ipaddress`
- Install tabulate module: `sudo pip install tabulate`
- Time Module
- Install pyfiglet2 module: `sudo pip install pyfiglet2`
- Sys Module

## How to Run

- 1.) Save file in one of your folders
- 2.) Navigate in the terminal to the folder where the file is saved
- 3.) Use “sudo” when running the program
- 4.) Format: `sudo python3 montrer.py <options>`
- 5.) Options include:
  - `-v` = check out version and more details on the program
  - `-h` = check out the commands you can use
  - `[host (X.X.X.X)]/[host range (X.X.X.X-X)] -p [port] [Optional: -t]`
  - `-t` = check out how long it took the program to finish the scan and display the result

**For inquires and bugs you may contact me through my email:** marco\_pangilinan@dlsu.edu.ph  
**Name of VM:** ethihac-09