

# Task2

## Collect data script (collect.sh)

The image shows a Windows 10 desktop environment. At the top, the taskbar displays various application icons: Terminal, Sessions, View, X server, Tools, Games, Settings, and Macros. The active window is a terminal titled "127.0.0.1" with a "Quick" sidebar on the left. The terminal shows a shell prompt "#!/bin/bash" followed by a script that collects system data. The script includes commands to create a directory, set a timestamp, and use 'top', 'free', and 'df' to gather CPU, memory, and disk usage information, saving it to a file. The status bar at the bottom shows system information like CPU usage (54%), memory usage (2%), and network speed (1.10 GB / 3.57 GB). The system clock indicates it is 9:02 AM on 12/14/2025.

## Display the collected data script (calculate\_avg.sh)

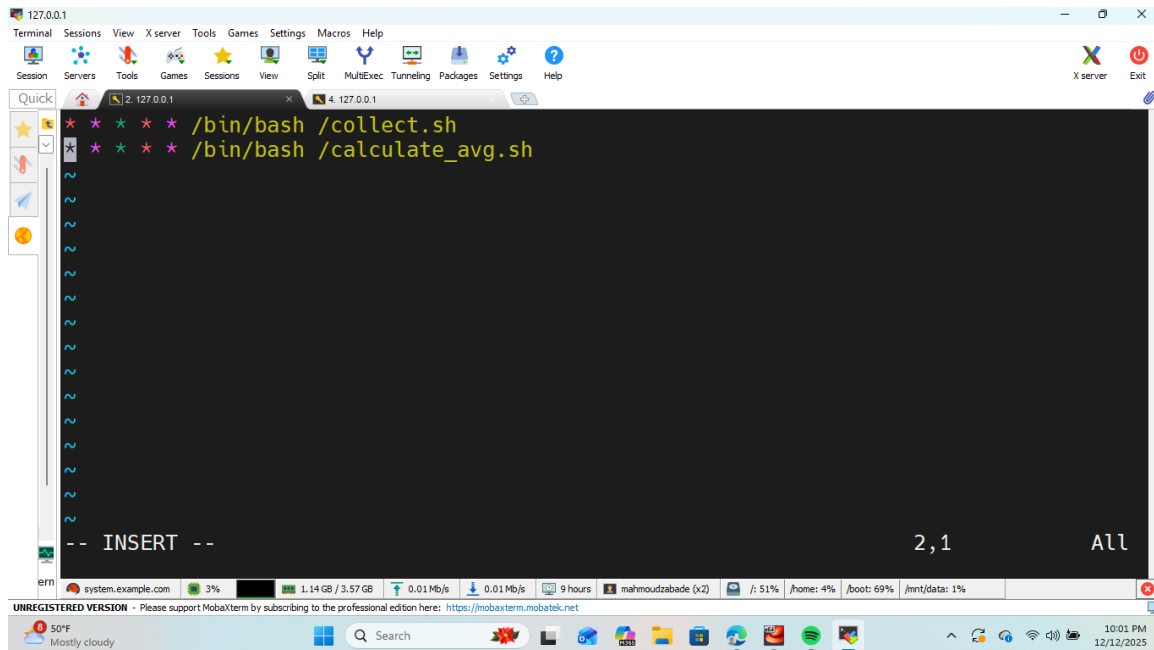
- CPU calculations and HTML code

[illegible]

- **Memory calculations and HTML code**

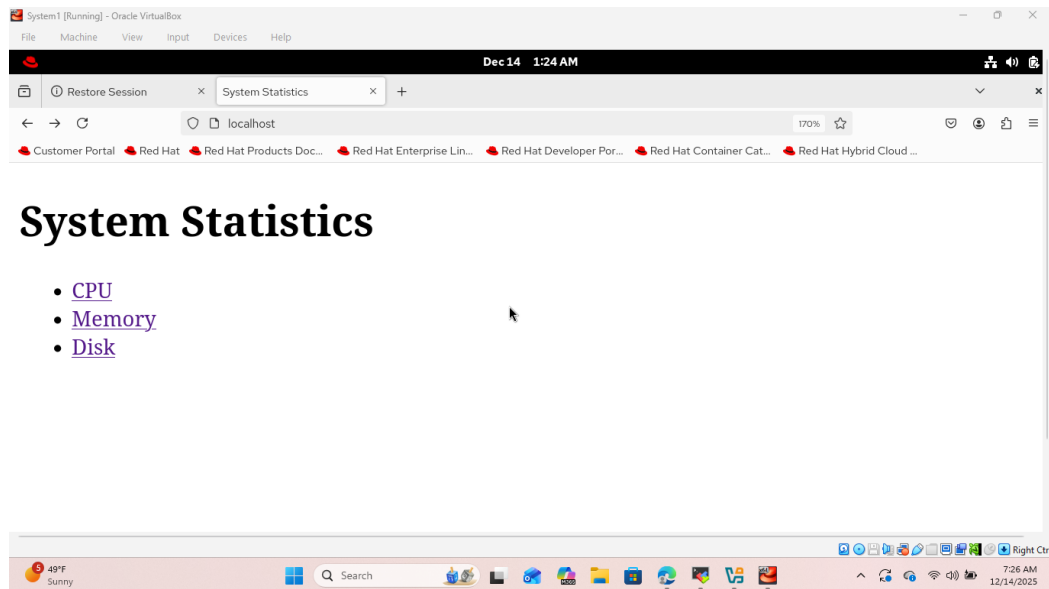


# Crontab

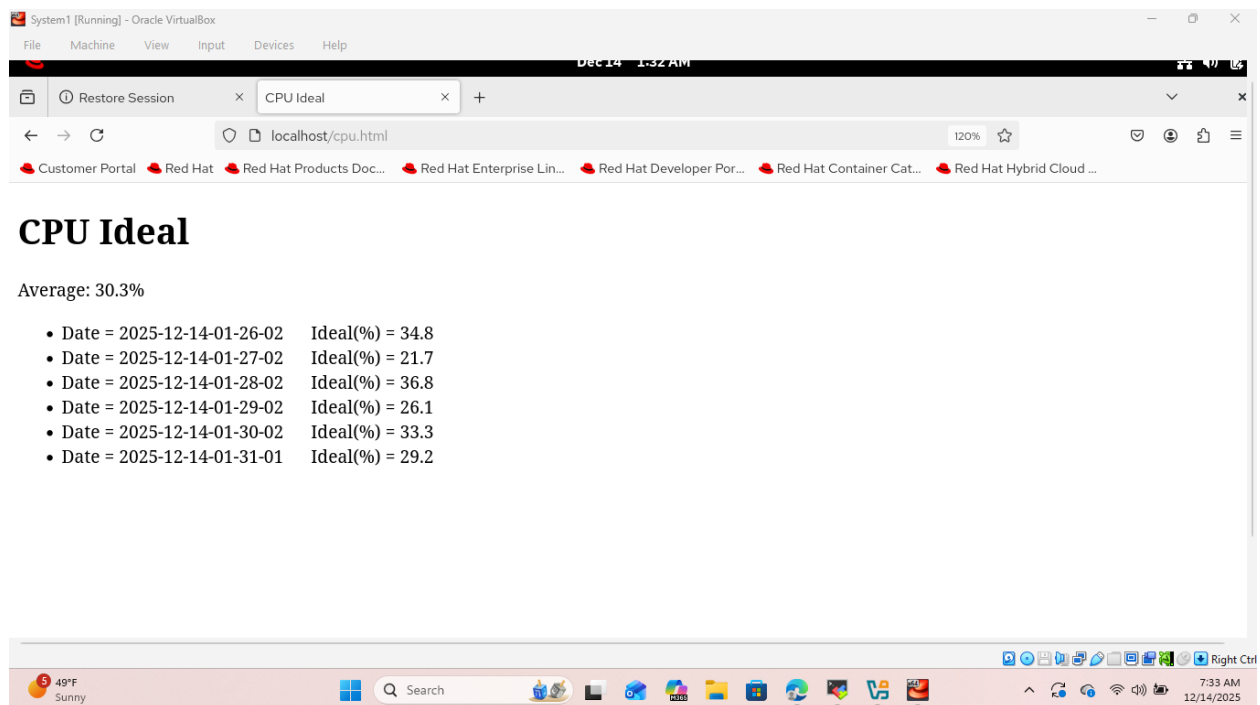


## HTML page & Results

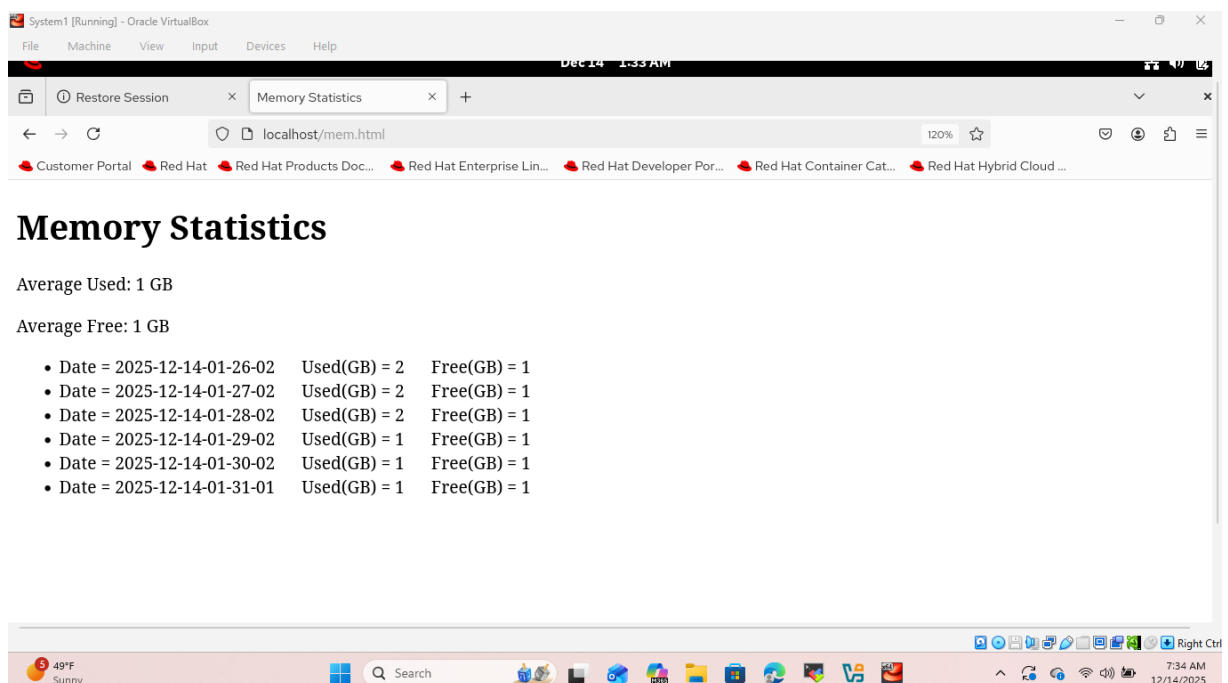
- Main Page



- CPU Ideal



- **Memory Usage**



- **Disk Usage**

System1 [Running] - Oracle VirtualBox

FileMachineViewInputDevicesHelp

Dec 141:34 AM

Disk Statistics

localhost/disk.html120%

Customer PortalRed HatRed Hat Products Doc...Red Hat Enterprise Lin...Red Hat Developer Por...Red Hat Container Cat...Red Hat Hybrid Cloud ...

# Disk Statistics

Average Used: 13 GB

Average Free: 13 GB

- Date = 2025-12-14-01-26-02Used(GB) = 13Free(GB) = 13
- Date = 2025-12-14-01-27-02Used(GB) = 13Free(GB) = 13
- Date = 2025-12-14-01-28-02Used(GB) = 13Free(GB) = 13
- Date = 2025-12-14-01-29-02Used(GB) = 13Free(GB) = 13
- Date = 2025-12-14-01-30-02Used(GB) = 13Free(GB) = 13
- Date = 2025-12-14-01-31-01Used(GB) = 13Free(GB) = 13
- Date = 2025-12-14-01-32-02Used(GB) = 13Free(GB) = 13

5 49°F Sunny

Search

Right Ctrl

7:35 AM12/14/2025