[root@vitlug]~# ./wtf!_linux

where's the food?

Questions

1. Create a shell script that can display system information including battery level, PC name, kernel version, username, memory usage and battery health. Do not take the help of external commands like hostname, neofetch, etc. As an added bonus, you can output the information using colors as well.

2. Create a shell script to change the default kernel governor according to battery percentage and charging status, i.e. AC or on battery. For example:

    a. If the battery has less than 30% charge, set the governor to **powersave**.
    b. If the battery is fully charged and not on AC, set the governor to **conservative**.
    c. If the battery is on AC, change the governor to **performance**.

3. Create a shell script to automatically unzip and categorize VIT course material based on months. The script will take the .zip file downloaded from VTOP as the first argument and the name of the folder which will store the material as the second argument. If the folder does not exist, create it, otherwise reuse it. Inside this folder, store the material monthwise, with the months being either in alphabetical form (Jan, Feb, …) or numerical form (01, 02…), each month having its own folder. The files stored inside these folders should have names of the form **DD_Month_YYYY_${REST}**, where **DD_Month_YYYY** is the date of the file extracted from the downloaded file's name (usually attached as a prefix to its name) and **${REST}** can be anything.