Linux shell scripting:

Problem statement:

**Write a script to print the following information using Switch case**

1.Home directory  
2.OS name & version  
3.Current working directory  
4.Number of users logged in  
5.Hard disk information  
6.CPU information  
7.Memory information

Linux commands used:

cd: takes you to the root directory

pwd: prints the present working directory

you can run multiple commands after putting semicolon (;) after one command.

Steps:

1. Run your Linux environment

On either your bare metal

Or using Virtualization tool (VMware, VirtualBox)

Or using the cloud instance AWS, Azure, GCP.

1. Create a script file using “.sh” extension.
2. Open it using the text editor nano,vi,vim

Enter the following code:

#!bin/bash

echo ”  
1.Home directory   
2.OS name & version  
3.Current working directory  
4.Number of users logged in  
5.Hard disk information  
6.CPU information  
7.Memory information”

read -p “Enter a number “ num

1. Close the editor
2. Give the executable permission   
   chmod +x script.sh
3. Run the script   
     
   ./script.sh