

2. Work through all of the sample commands presented in the NDG Linux Essentials labs - Lab 11: Basic Scripting and Lab 12: Understanding Computer Hardware. Create a table to describe these commands

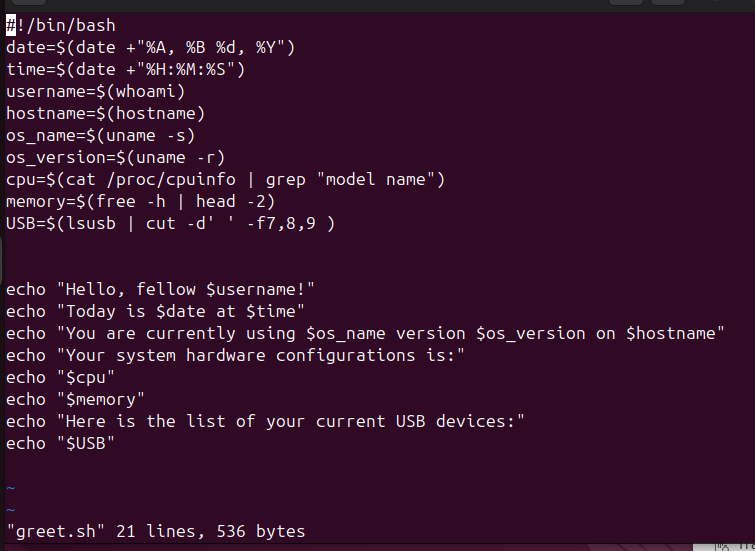
| **Command** | **Its function** |
| --- | --- |
| **vi file** | **Creates a file, and if file is already created opens a text editor** |
| **vi file.sh** | **Runs a script written in the file** |
| **bash file.sh** | **Same as vi file.sh** |
| **chmod file** | **Change permission to the file** |
| **read var** | **Read user input and put it in the $var** |
| **lscpu** | **Determines the type of CPU** |
| **free -m** | **Show how much RAM is being used in mb** |
| **lspci** | **Shows what devices are connected** |
| **lsusb** | **Shows list of USB connected devices** |
| **lsmod** | **Used to view the currently loaded modules** |
| **fdisk -l** | **Lists the disk devices** |

3. Create scripts that display text messages for the user (show screenshots):

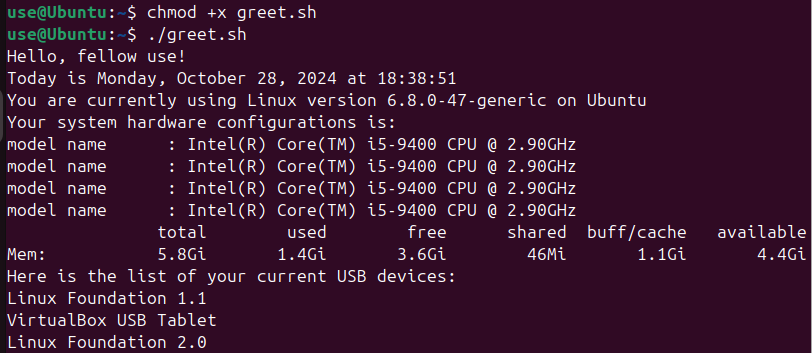
* \* the script should display a greeting to the current user, indicating the current date and information about the current system;
* \*the script should display information about the hardware configuration of the current system (use the commands discussed in Lab 12: Understanding Computer Hardware);

Because of the similarity between the end of first and the start of second I thought to combine them into one script.

What is inside of file:



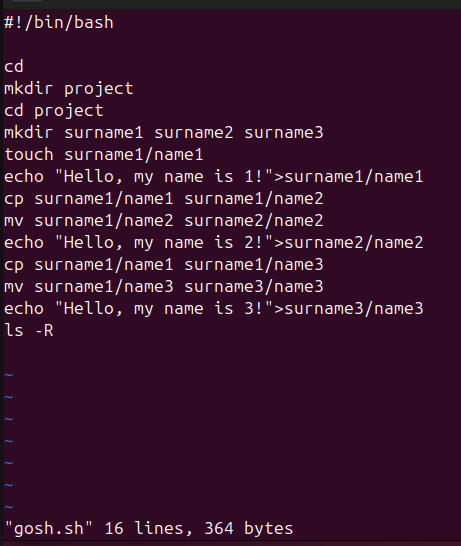
What is it doing:



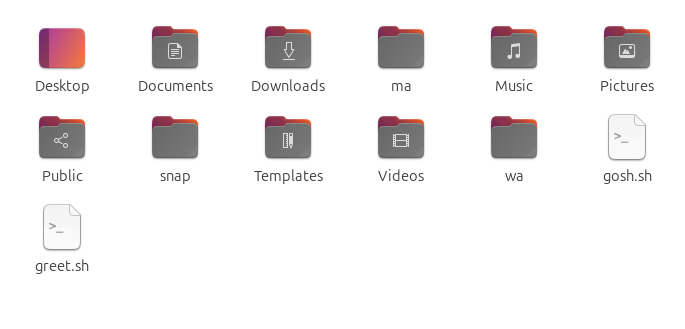
* \*\*Provide an example of your script.

For practice with vi text redactor I reopened lab 5 and did the same thing from there but using one file-function

Inside of file:



What is it doing:

Before:

After:

