Lab 3 Submission

Question 2

Question 3

Challenge Question

```
1 #!/bin/bash
2 # Author: your name
3 # Date: current date in format mm/dd/yy
4 # Description: Challenge Question Solution
5
6 echo -e "Basic Information about my system\nDate and time in UTC
  and local:"
7 date -u +"%D-%X-%Z"
8 date +"%D-%X-%Z"
9 echo -e "\nSome information about my system:"
10 uname -s -r -i -o
11 echo -e "\nRAM Information"
12 free -g --human --total
13 echo -e "\nDisk Space Usage"
14 df -h /
15 figlet DONE
```

```
mig@cis106:~$ bash ~/cis106/labs/lab3/challenge-lab3.sh
Basic Information about my system
Date and time in UTC and local:
03/03/25-12:03:21 AM-UTC
03/02/25-07:03:21 PM-EST

Some information about my system:
Linux 6.8.0-52-generic x86_64 GNU/Linux

RAM Information
               total        used        free      shared  buff/cache   available
Mem:           3.8Gi       2.3Gi       677Mi       170Mi       1.2Gi       1.5Gi
Swap:          3.8Gi       137Mi       3.7Gi
Total:         7.6Gi       2.4Gi       4.4Gi

Disk Space Usage
Filesystem      Size  Used Avail Use% Mounted on
/dev/sda2        49G   14G   34G  29% /
 ____   ___  _   _ _____
|  _ \ / _ \| \ | | ____|
| | | | | | |  \| |  _|
| |_| | |_| | |\  | |___
|____/ \___/|_| \_|_____|

mig@cis106:~$ 
```

Script Source code:

lab3 challenge