1. What is the IP address and netmask of the ethernet interface?

Command : ifconfig -a

Address: 10.0.2.15 ip address and netmask is 255.255.255.0

2. How do you determine what your userid is? who psadmin

3. What is your numeric userid? Command is w   and output is 1

4. What file is your userid stored in? /etc/passwd file

5. What is your groupid?

```
psadmin@psadmin-VirtualBox:/home$ id -u
1000
psadmin@psadmin-VirtualBox:/home$ id -g
1000
psadmin@psadmin-VirtualBox:/home$ id
uid=1000(psadmin) gid=1000(psadmin) groups=1000(psadmin),4(adm),24(cdrom),
27(sudo),30(dip),46(plugdev),116(lpadmin),126(sambashare)
psadmin@psadmin-VirtualBox:/home$ 
```

6. What file is your groupid stored in? Groups

```
psadmin@psadmin-VirtualBox:~$ groups
psadmin adm cdrom sudo dip plugdev lpadmin sambashare
```

7. what is stored in the /etc/hostname file? The /etc/hosts file contains the Internet Protocol (IP) host names and addresses for the local host and other hosts in the Internet network.

8. What sorts of files are stored in the /var directory? /var contains variable data files which includes spool directories and files, administrative and logging data, and transient and temporary files.

9. What is the difference between the /tmp and ~/tmp directories?

The /var/tmp directory is made available for programs that require temporary files or directories that are preserved between system reboots. Therefore, data stored in /var/tmp is more persistent than data in /tmp . Files and directories located in /var/tmp must not be deleted when the system is booted.

10. What command can you use to make a shell script executable?

nano bad-reads-script.sh