



King Abdulaziz University
Faculty Of Computing and Information Technology
Information Technology Department
CPIT-490

Lab-1

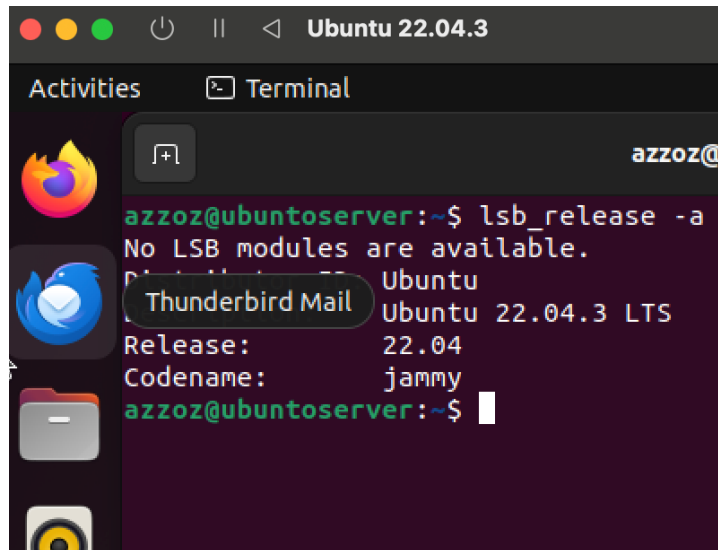
Name	ID	Section
Abdulaziz Khalifah	2135939	IT1

Table of Contents

Basic info	3
1. Command <code>lsb_release -a</code>	3
2. Command <code>uname -a</code>	3
3. Command <code>whoami</code>	3
4. Command <code>hostname</code>	3
5. Command <code>hostnamectl</code>	4
Navigating the filesystem	4
1. Command <code>cd</code> to root.....	4
2. Command <code>cd</code> to home directory.....	4
3. Command <code>cd ..</code> and <code>pwd</code>	4
Getting help	5
How to list hidden files?.....	5
How to display the output in a long listing format and print directory size info in human readable format (e.g., KB, MB, GB)?	5
Read the manual for the apt, the package manager for Ubuntu using <code>man apt</code> . What are some command options you can use with apt?	5

Basic info

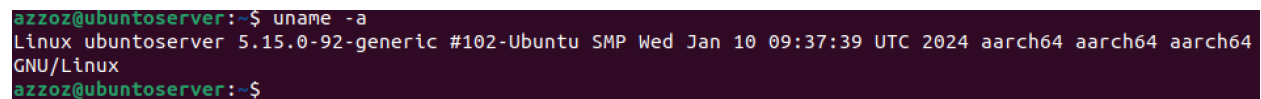
1. Command lsb_release-a



The screenshot shows a terminal window titled 'Ubuntu 22.04.3'. The user 'azzoz' is at the prompt. The command 'lsb_release -a' has been executed, resulting in the following output:

```
azzoz@ubuntoserver:~$ lsb_release -a
No LSB modules are available.
Distributor: Ubuntu
Release: 22.04
Codename: jammy
azzoz@ubuntoserver:~$
```

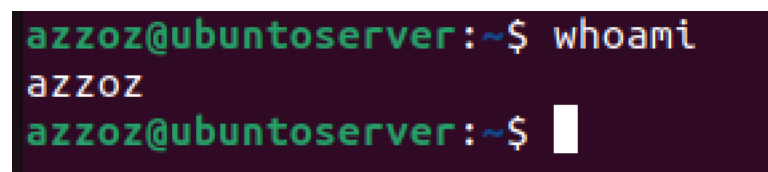
2. Command uname-a



The screenshot shows a terminal window with the user 'azzoz' at the prompt. The command 'uname -a' has been executed, resulting in the following output:

```
azzoz@ubuntoserver:~$ uname -a
Linux ubuntoserver 5.15.0-92-generic #102-Ubuntu SMP Wed Jan 10 09:37:39 UTC 2024 aarch64 aarch64 aarch64
GNU/Linux
azzoz@ubuntoserver:~$
```

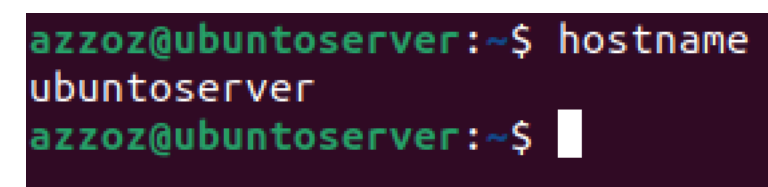
3. Command whoami



The screenshot shows a terminal window with the user 'azzoz' at the prompt. The command 'whoami' has been executed, resulting in the following output:

```
azzoz@ubuntoserver:~$ whoami
azzoz
azzoz@ubuntoserver:~$
```

4. Command hostname



The screenshot shows a terminal window with the user 'azzoz' at the prompt. The command 'hostname' has been executed, resulting in the following output:

```
azzoz@ubuntoserver:~$ hostname
ubuntoserver
azzoz@ubuntoserver:~$
```

5. Command hostnamectl

```
azzoz@ubuntoserver:~$ hostnamectl
Static hostname: ubuntoserver
    Icon name: computer-vm
    Chassis: vm
    Machine ID: b2a4c988140649bf86fcdf6ccb12430d
    Boot ID: 0d42a3487c59491e917dbcbcff8c22f4
    Virtualization: qemu
Operating System: Ubuntu 22.04.3 LTS
    Kernel: Linux 5.15.0-92-generic
    Architecture: arm64
Hardware Vendor: QEMU
Hardware Model: QEMU Virtual Machine
azzoz@ubuntoserver:~$
```

Navigating the filesystem

1. Command cd to root

```
azzoz@ubuntoserver:~$ cd /root
bash: cd: /root: Permission denied
```

2. Command cd to home directory

```
azzoz@ubuntoserver:~$ cd /home/azzoz
azzoz@ubuntoserver:~$
```

3. Command cd .. and pwd

```
azzoz@ubuntoserver:~$ cd ..
azzoz@ubuntoserver:/home$ pwd
/home
azzoz@ubuntoserver:/home$
```

In home directory

Getting help

How to list hidden files?

`ls -1`

How to display the output in a long listing format and print directory size info in human readable format (e.g., KB, MB, GB)?

`ls -lh`

Read the manual for the apt, the package manager for Ubuntu using `man apt`. What are some command options you can use with apt?

Update, upgrade, full-upgrade, install, reinstall, remove.

Apropos

What is the name of the tool that gives you information about disk usage and space?

`du`