ANNEX A · TERMINAL SURVIVAL

Name: _____ **Date:** _____

Work in the VM **deb-lab**, in the **Terminal**. Type each line exactly, then press Enter. Read the answer **before** typing the next line. `q` leaves `less`. **Ctrl + C** cancels. **Tab** completes names.

PART A · WHERE AM I? (WITH THE TEACHER)

1 `pwd` → I am in: _____ `ls -a` → one hidden name: _____

2 `cd /etc` then `pwd` → _____ `cd ..` then `pwd` → _____ `cd` then `pwd` → _____

3 Type `cd /usr/sh` and press **Tab**. The line becomes: _____

4 Circle the **absolute** paths: `/etc/hostname` `Documents` `../etc` `/home` `~/Documents`

DONE WHEN `cd` alone always brings you back to your home, and you can say where you are without looking.

PART B · MAKE, COPY, MOVE, DELETE (ALONE)

One command per line, in this order. Read each answer.

5 A playground: `cd` `mkdir lab` `cd lab` `touch notes.txt` `ls -l` → size of `notes.txt`: _____

6 Copy a system file here (the dot means "here") and read it: `cp /etc/hostname .` `cat hostname` →

_____

7 Rename, then move: `mv notes.txt todo.txt` `mkdir old` `mv todo.txt old/` `ls old`

DONE WHEN `ls old` shows `todo.txt` and `ls` no longer shows it.

8 Delete: `rm hostname`, then `rm old`. The message is: _____

Now `rm -r old`. What does `-r` add? _____

9 Leave and clean up: `cd ..` then `rmdir lab`.

DONE WHEN `ls` in your home does not show `lab`.

PART C · PRACTICAL 4.1 · TREASURE HUNT AT TRAMUNTANA APPS

It is your first day at **Tramuntana Apps**. Before you touch anything, get to know the machine. Allowed: `pwd`, `ls`, `cd`, `cat`, `less`, `mkdir`, `touch`, `cp`, `mv`, `rm`. No file manager.

No.	Find out	Answer
1	The exact Debian version: file `debian_version` in `/etc`	
2	The name of this machine: file `hostname` in `/etc`	
3	List `/` in long format. `bin` is not a real directory: where does its arrow point?	
4	Open `/usr/share/common-licenses/GPL-3` with `less`. Which date is on line 2?	
5	In `/boot`, the kernel is the file that starts with `vmlinuz`. Its full name:	
6	What is inside `/home`?	
7	Try to list `/root`. What is the message, and whose home is it?	
8	Read `/proc/cpuinfo`. How many `processor` entries? And the size of that file with `ls -l`?	
9	In `/etc/os-release`: the value of `VERSION_CODENAME`	
10	Two names you find in `/var/log`	

Now build what the departments asked for. In your home directory:

1 Create the directory `tramuntana` with three directories inside: `dev`, `design`, `admin`.

2 Create an empty file `README.txt` inside `dev`.
3 Copy `/etc/os-release` into `admin` with the new name `system.txt`.
4 Make a copy of the whole directory `admin` called `admin-backup` (next to it).
5 Move `README.txt` from `dev` to `design` and rename it `brief.txt`.
6 The backup was not needed: delete `admin-backup` with everything inside.
7 Run `ls -R ~/tramuntana` and copy the output into your report.

DONE WHEN The output shows `admin design dev`, then `system.txt` in admin, `brief.txt` in design and nothing in dev.

Hand in on Classroom, before the next class: `practical-4.1-surname.md` with the ten answers, the commands you used for steps 1–6 (in a code block) and the output of step 7. **Marking:** hunt 5 · tree 4 · report 1.

PART D · EXIT TICKET (ALONE, NO TERMINAL)

1. You are in `/home/marta/Documents`. After `cd ..` you are in…

A `/home/marta/Documents` B `/home/marta` C `/home` D `/`

2. Which one is an absolute path?

A `Documents/notes.txt` B `../notes.txt`
C `notes.txt` D `/home/marta/notes.txt`

3. The configuration files of the whole system live in…

A `/etc` B `/home` C `/tmp` D `/boot`

4. `rm -r dev` …

A moves `dev` to the recycle bin B deletes `dev` only if it is empty
C deletes `dev` and everything inside, for good D renames `dev` to `r`

5. The Windows cousin of `/home/marta` is…

A `C:\Program Files\marta` B `C:\Users\marta` C `C:\Windows\marta` D `D:\marta`