ANNEX A · MARKDOWN LAB REPORTS

Name: _____ **Date:** _____

TASK 1 SIX MARKS

14 min · alone

A. Open the Markdown editor your teacher shows you. Create a file called `marks.md`, type the text of the left box exactly and look at the preview. Shortcut for the preview on this PC: _____

B. The text of the right box has **four** mistakes. Circle them here. Then type it in a new file, see what the preview does, and repair it.

A · TYPE THIS

```
# My first Markdown file

## What I know

Markdown is **plain text** with marks.

- It opens in any editor.
- It is small.

1. Write.
2. Preview.

The kernel version: `uname -r`.

More: [CommonMark](https://commonmark.org)
```

B · FIND FOUR MISTAKES

```
#My report

This word is **bold* and this is not.

-first item
- second item

```
uname -r

The end.
```

1: _____

2: _____

3: _____

4: _____

DONE WHEN A shows two headings, bold, two lists, code and a link. B, repaired, shows a heading, one bold word, a list of two items and a code block of one line.

TASK 2 YOUR FIRST REPORT

17 min · alone

A trial report about your own PC. Not marked: the teacher answers “ready” or “repair”.

1. Create a file called `trial-report-surname.md` (your surname, lower case, no accents).
2. Copy the template from the back of this sheet. Title: Trial report — Meet my PC. Fill in the header and the Goal.
3. Write three steps, one for each of these commands: `grep PRETTY_NAME /etc/os-release` · `uname -r` · `free -h`. Each step: what you did, the command, the output copied as text from the terminal (select, then Ctrl + Shift + C), and one sentence of your own about what it means.
4. Fill in Problems, Check, What I learned and Sources. Look at the preview.
5. Upload the `.md` file to the Classroom assignment Trial report.

DONE WHEN the file is on Classroom with the right name, and in the preview every command and every output is inside a code block.

TASK 3 EXIT TICKET

6 min · alone, editor closed

1. Which mark starts a second-level heading?

- ☐ a) **
- ☐ b) –
- ☐ c) ##
- ☐ d) 1.

2. Which file name follows the course convention?

- ☐ a) practical-2.2-garcia.md
- ☐ b) Practical 2.2 García.docx
- ☐ c) report.md
- ☐ d) practical2-garcia.txt

3. What is the best way to show a command and its output in a report?

- ☐ a) A photo of the screen
- ☐ b) Text in a code block
- ☐ c) Described from memory
- ☐ d) A screenshot in a document

4. What goes in the section ”What I learned”?

- ☐ a) The list of all the commands
- ☐ b) The statement, copied
- ☐ c) A text produced by an AI
- ☐ d) Two or three sentences of my own
```

THE LAB REPORT TEMPLATE · KEEP THIS SHEET ALL YEAR

File name: `practical-U.n-surname.md` Example: `practical-2.2-garcia.md`. Lower case, no spaces, no accents.
Hand-in: the `.md` file, on Google Classroom, before the deadline. Late: 5 at most. More than 48 hours late: 0.

````
# Practical U.n — Title of the practical

- **Name:** Name Surname
- **Group:** DAM-1
- **Date:** DD/MM/YYYY
- **Machine:** classroom PC, class server, or the VM
name

## Goal

One or two sentences: what had to be done, and why.

## Steps

### 1. What I did, in one line

```bash
the command I typed
```

```text
the output, copied from the terminal
(only the lines that matter)
```

What it means: one sentence in my own words.

### 2. The next step

(the same four parts)

## Problems

What went wrong, what I tried, what fixed it.
If nothing went wrong: "None".

## Check

How I know it works: the "Done when" of the
statement, with the proof.

## What I learned

Two or three sentences in my own words.
Not a list of commands.

## Sources

- Pages, manuals and people that helped me.
- If I used cs50.ai: what I asked.
````

RULES OF A GOOD REPORT

- **Text first.** Commands and output are text inside code blocks, never a photo.
- **A screenshot** only when there is nothing to copy (a window, an installer). Save it as `practical-U.n-surname-1.png`, upload it with the report and link it: `![what it shows](file.png)`.
- **Every step has four parts:** what I did · the command · the output · what it means.
- **An empty line** before and after every heading, list and code block.
- **Your own words.** cs50.ai may explain; it does not write your report.

CHEAT SHEET

You type	You get
`# Title`	Heading, level 1
`## Section`	Heading, level 2
`### Step`	Heading, level 3
`**bold**`	**bold**
`- item`	A list
`1. item`	A numbered list
` code `	Code in a sentence
Three backticks, alone on a line, before and after	A block of code
`[text](address)`	A link
`![text](file.png)`	A picture

Always a space after `#`, `-` and `1.`
Backticks are not apostrophes.