A2

HTML sidebars and dialogs

CHAPTER ASSIGNMENT

Name _____ Class _____ No. _____ Date _____

> Write your code in the space, then test it in the Apps Script editor. Mark where it went wrong if it did.

Questions from the Guru Jazzy chapter page, for classroom use.

Practice tasks

1. **Row counter** (Easy). A sidebar with a Refresh button that shows how many rows the active tab has.

2. **Room filter** (Medium). Add a drop-down of rooms to the student panel. Pass the chosen room to the server (`google.script.run.getRoom('M.5/3')`) and list only that room's students with their marks.

3 **Email from the sidebar** (Challenge). Add a "Email this student" button next to each name. It calls a server function that sends a pre-written reminder, then shows ✓ next to the name. Disable the button while waiting so it can't be double-clicked.

Chapter quiz

Q1 Code inside a <script> tag in Sidebar.html runs...

A	B	C	D
On Google's server	In the user's browser	Both at once	Only when the sheet opens

Q2 How does the sidebar call a function in Code.gs?

A	B	C	D
import from Code.gs	google.script.run.functionName()	fetch("/Code.gs")	SpreadsheetApp.run()

Q3 What does google.script.run.getNames() return in the browser?

A	B	C	D
The names	Nothing useful: the result arrives later in withSuccessHandler	A Promise	An error

Q4 Which values can a server function send back to the browser?

A	B	C	D
Anything, including a Range	Plain data: strings, numbers, booleans, arrays, plain objects (and null)	Only strings	Only HTML

Q5 In a template, what is the difference between <?= x ?> and <?!= x ?>?

A	B	C	D
None	<?= escapes HTML characters; <?!= prints raw HTML	<?!= is a comment	<?= only works for numbers

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Q6 Why use textContent instead of innerHTML to show a student name?

A	B	C	D
It is faster	A name containing <script> or other HTML would run as code with innerHTML	innerHTML does not work in sidebars	No reason

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End of assignment · Check your answers against the chapter at gurujazzy.com/subjects/apps-script/a2-html-sidebars-dialogs/